优质 | 创新 | 诚信 | 永续

Quality · Innovation · Integrity · Sustainabile

东莞市富上电子科技有限公司

DONGGUAN FOOSN ELECTRONIC TECHNOLOGY CO., LTD.

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FOOSN® 富上

专业的连接器及线束制造商 Professional Connector & Cable Manufacturer 2024版

FOOSN® 富上

专业的工业连接器及线束解决方案

Professional Industrial Connectors & Cables Solutions



东莞市富上电子科技有限公司

DONGGUAN FOOSN ELECTRONIC TECHNOLOGY CO., LTD.



关于我们 ABOUT US

东莞市富上电子科技有限公司创立于2011年，是一家集模具设计制造、五金冲压、塑胶射出、产品组装、线材成型于一体的连接器、连接线生产企业。产品广泛应用于：伺服驱动器、工业自动化、工床设备、电脑、通信、医疗等领域。公司工艺先进，具有国际标准ISO9001之完善的质量保证体系，可靠的检测仪器；良好的员工素质；稳定的生产能力；品种齐全，性能安全可靠，服务好，价格合理。产品销售遍布国内及国外市场，在同行业竞争中脱颖而出，不断成长与壮大。

“优质、创新、诚信、永续”是我们的经营理念，始终本着产品质量第一，不断设计创新，服务至诚至信，持续监督改善，努力与客户达到互利互赢，共荣成长；

您的需求，是我们的契机，您的肯定，是我们的荣耀；我们会再接再厉，一如既往为各新老客户携手并进！共创辉煌！

Dongguan Foosn Electronic Technology Co., Ltd. was founded in 2011. It is a connector and connecting wire manufacturer integrating mold design and manufacturing, metal stamping, plastic injection, product assembly, and wire forming. Products are widely used in: servo drives, industrial automation, machine tool equipment, computers, communications, medical and other fields. The company has advanced technology, complete quality assurance system of international standard ISO9001, reliable testing equipment; good staff quality; stable production capacity; complete varieties, safe and reliable performance, good service and reasonable price. Products are sold in domestic and foreign markets, stand out from the competition in the same industry, and continue to grow and expand.

"Quality, Innovation, Integrity, and Sustainability" is our business philosophy, always in line with product quality first, continuous design innovation, sincere service, continuous supervision and improvement, and strive to achieve mutual benefit and common prosperity with customers;

Your demand is our wedge machine, and your affirmation is our glory; we will continue to work hard, as always, go hand in hand for all new and old customers! Create brilliant!

企业文化 COMPANY CULTURE



经营理念：

优质： 产品质量第一
创新： 不断设计创新
诚信： 服务至诚至信
永续： 持续监督改善

Business philosophy:

Quality: product quality first
Innovation: continuous design and innovation
Integrity: sincere service and trust
Sustainability: continuous monitoring and improvement

品质政策：

精华品质： 品质就是生命力，追求完美，努力为客户提供更高质量的满意产品
密切配合： 同客户、厂商、员工保持及时的沟通与协调
优异技术： 不断改进技术，追求卓越品质
良才育成： 培育管理、验证的执行人才，达成品质管理的提升与可持续性

Quality policy:

Essence quality: Quality is vitality, pursue perfection, and strive to provide customers with higher quality satisfactory products

Close cooperation: maintain timely communication and coordination with customers, manufacturers, and employees

Excellent technology: continuously improve technology and pursue excellent quality

Talent cultivation: cultivate management and verification executive talents to achieve the improvement and sustainability of quality management



我们的优势 OUR ADVANTAGE



精密模具开发设计
Precision mold development and design

精密五金、注塑、压铸模具开发设计

Development and design of precision hardware, injection and die-casting molds

精密五金冲压
Precision metal stamping

各种精密五金端子、外壳等结构件冲压成型

Various precision hardware terminals, shells and other structural parts are stamped and formed





五金压铸/注塑成型
Hardware die casting/injection molding

合金压铸及各种塑胶成型生产工艺

Alloy die-casting and various plastic molding production processes

自动化连接器装配线
Automated connector assembly line

完备的自动化、半自动化连接器生产线

Complete automatic and semi-automatic connector production line







品质检测
QUALITY INSPECTION

只有高品质、高效率、低成本的产品才是值得客户信赖的。
把生产管理系统、检测试验系统、质量控制系统等融合于所有产品生产过程中。
广泛应用于先进的技术、生产和检验设备，真正做到高品质。
高标准服务于国内外客户。

Only high-quality, high-efficiency, and low-cost products can be trusted by customers. The production management system, inspection and testing system, quality control system, etc. are integrated into all product production processes and are widely used in advanced technology, production and inspection equipment , And truly serve customers at home and abroad with high quality and high standards.



















应用领域
APPLICATION FIELD



◀ 工业控制
Industrial Control

通讯设备 ▶
Communication Equipment



医疗器械
Medical Equipment
▼



◀ 伺服驱动器
Servo Driver



电 脑 ▶
Computer



目录
CATALOGUE

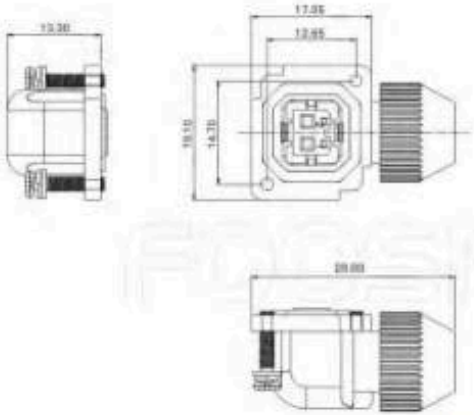
07-36	伺服连接器 Servo Connector
37-42	SCSI CN 系列 SCSI CN Series
43-46	SCSI 全塑系列 SCSI Plastic Series
47-50	SCSI DB 系列 SCSI II Series
51-53	SCSI 铁壳 SCSI Shell
54-64	SDR VHDCI系列 SDR VHDCI Series
65-84	DIN41612 欧式插座 DIN41612 European Socket
85-92	CM10系列 CM10 Series
93-96	GX系列 GX Series
97-102	ML-DTL-5015系列 ML-DTL-5015 Series
103	M8/M12系列 M8/M12 Series
104	D-SUB 外壳 D-SUB Cover
105-114	D-SUB系列 D-SUB Series
115-119	FPC系列 FPC Series
120-127	Wafer系列 Wafer Series
128-136	排针排母系列 Pin Header/ Female Header Series
137-140	简牛牛角系列 Box Header/ Ejector Header Series
141-149	圆针圆孔系列 Machine Pin Header & Socket Series
150-152	线束系列 Cables Series

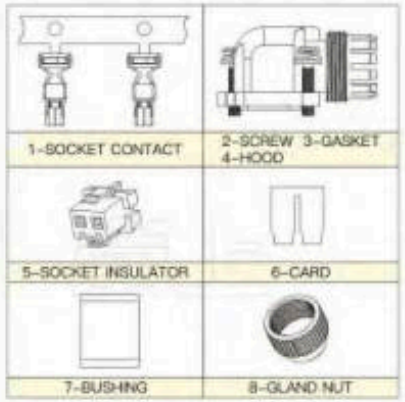
FS002 2P Motor Waterproof Connector



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	7.0A
2	VOLTAGE RATING	200V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	1000MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	1500V AC/60S
6	APPLICABLE WIRES	18 ~ 22AWG
7	OPERATION TEMPERATURE	-20°C ~ +105°C
8	IP RATIG	IP67





	GOODS P/N	NO.	DESCRIPTION	MATERIAL	QTY.	FINISH	REMARKS
FS002-F6003-28 (Blister Box整套吸塑盒装)	FS002-F6003-280	1	SOCKET CONTACT	COPPER ALLOY	2	GOLD PLATING	
	FS002-F6003-281 (PE Packing Pe袋装)	2	SCREW	STEEL	2	NICKEL PLATING	
		3	GASKET	SYNTHETIC RUBBER	1		BLACK
		4	CARD	SYNTHETIC RESIN	1		BLACK
		5	SOCKET INSULATOR	SYNTHETIC RESIN	1		BLACK
		6	HOOD	SYNTHETIC RESIN	1		BULE
		7	BUSHING	SYNTHETIC RUBBER	1		BLACK
		8	GLAND NUT	SYNTHETIC RESIN	1		BLACK

Ordering Information

FS002-F6003-28 X/1

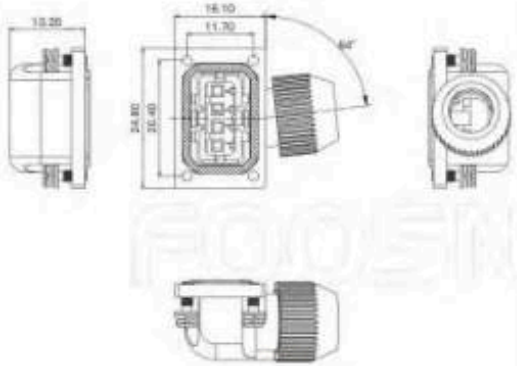
See Material List

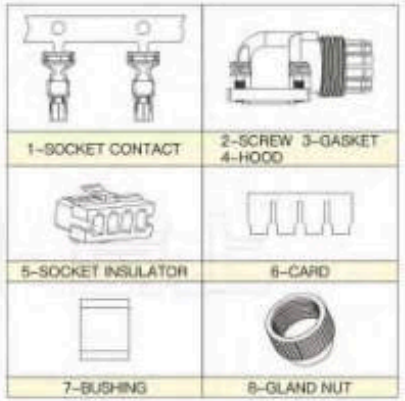
FS004 4P Motor Waterproof Connector



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	7.0A
2	VOLTAGE RATING	200V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	1000MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	1500V AC/60S
6	APPLICABLE WIRES	18 ~ 22AWG
7	OPERATION TEMPERATURE	-20°C ~ +105°C
8	IP RATIG	IP67





	GOODS P/N	NO.	DESCRIPTION	MATERIAL	QTY.	FINISH	REMARKS
FS004-F6003-28 (Blister Box整套吸塑盒装)	FS004-F6003-280	1	SOCKET CONTACT	COPPER ALLOY	4	GOLD PLATING	
	FS004-F6003-281 (PE Packing Pe袋装)	2	SCREW	STEEL	4	NICKEL PLATING	
		3	GASKET	SYNTHETIC RUBBER	1		BLACK
		4	CARD	SYNTHETIC RESIN	1		BLACK
		5	SOCKET INSULATOR	SYNTHETIC RESIN	1		BLACK
		6	HOOD	SYNTHETIC RESIN	1		BULE
		7	BUSHING	SYNTHETIC RUBBER	1		BLACK
		8	GLAND NUT	SYNTHETIC RESIN	1		BLACK

Ordering Information

FS004-F6003-28 X/1

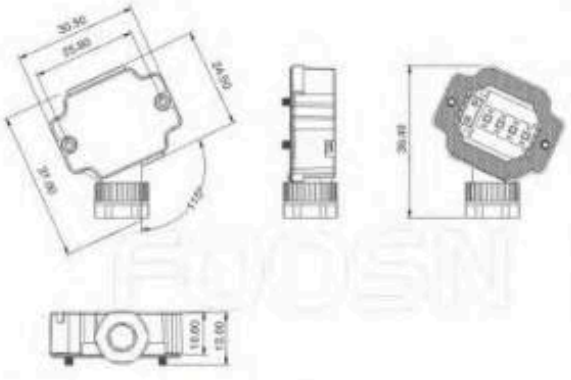
See Material List

FS006 6P Motor Waterproof Connector



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	7.0A
2	VOLTAGE RATING	200V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	1000MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	1500V AC/60S
6	APPLICABLE WIRES	18 - 22AWG
7	OPERATION TEMPERATURE	-20°C ~ +105°C
8	IP RATIG	IP67





	GOODS P/N	NO.	DESCRIPTION	MATERIAL	QTY.	FINISH	REMARKS
FS006-F6003-28 (Blister Box整套吸塑装)	FS006-F6003-280	1	SOCKET CONTACT	COPPER ALLOY	4	GOLD PLATING	
	FS006-F6003-281 (PE Packing Pe袋装)	2	GROUND CONTACT	COPPER ALLOY	2	GOLD PLATING	
		3	SOCKET INSULATOR	SYNTHETIC RESIN	1		BLACK
		4	HOOD	SYNTHETIC RESIN	1		BLACK
		5	SCREW	STEEL	2		BLACK
		6	SPRING	SUS	2		
		7	GASKET	SYNTHETIC RUBBER	1		BLACK
		8	BUSHING	SYNTHETIC RUBBER	1		BLACK
		9	CLAW	SYNTHETIC RESIN	1		BLACK
		10	GLAND NUT	SYNTHETIC RESIN	1		BLACK

Ordering Information

FS006-F6003-28 X
1

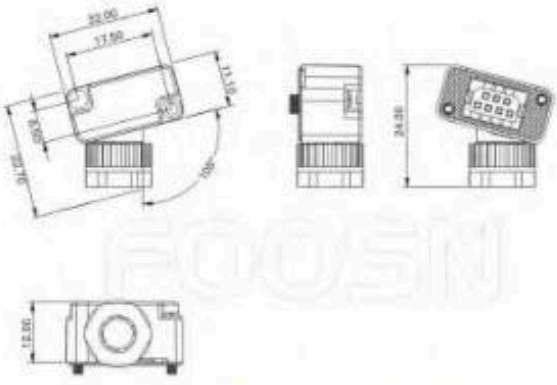
See Material List

FS007 7P Motor Waterproof Connector



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	7.0A
2	VOLTAGE RATING	200V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	1000MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	1500V AC/60S
6	Applicable Wires	18 - 22AWG
7	OPERATION TEMPERATURE	-20°C ~ +105°C
8	IP Protection	IP67



	GOODS P/N	NO.	DESCRIPTION	MATERIAL	QTY.	FINISH	REMARKS
FS002-F6003-28 (Blister Box整套吸塑装)	FS007-F6003-280	1	SOCKET CONTACT	COPPER ALLOY	7	GOLD PLATING	
	FS007-F6003-281 (PE Packaging PE袋装)	2	SOCKET INSULATOR	SYNTHETIC RESIN	1		BLACK
		3	HOOD	SYNTHETIC RESIN	1		BLACK
		4	SCREW	STEEL	2		BLACK
		5	SPRING	SUS	2		
		6	GASKET	SYNTHETIC RUBBER	1		BLACK
		7	BUSHING	SYNTHETIC RUBBER	1		BLACK
		8	CLAW	SYNTHETIC RESIN	1		BLACK
		9	GLAND NUT	SYNTHETIC RESIN	1		BLACK

Ordering Information

FS007-F6003-28 X
1

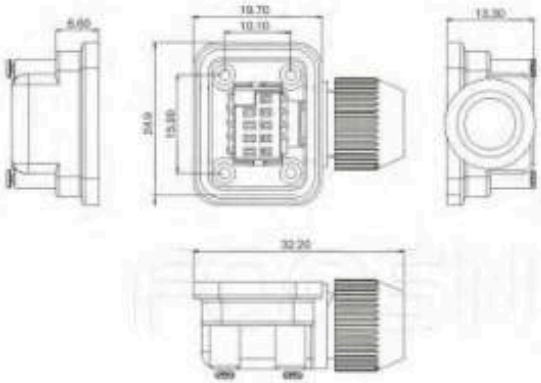
See Material List

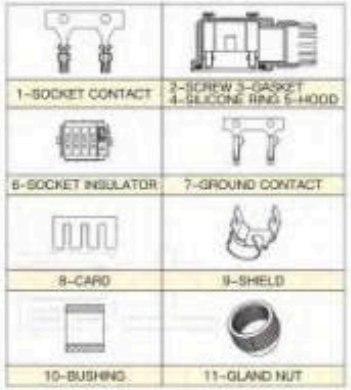
FS009 9P Motor Waterproof Connector



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	7.0A
2	VOLTAGE RATING	200V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	1000MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	1500V AC/60S
6	APPLICABLE WIRES	18 ~ 22AWG
7	OPERATION TEMPERATURE	-20°C ~ +105°C
8	IP RATIG	IP67





	GOODS P/N	NO.	DESCRIPTION	MATERIAL	QTY.	FINISH	REMARKS
FS009-F6003-28 (Sticker Box整套装带盒装)	FS009-F6003-280	1	SOCKET CONTACT	COPPER ALLOY	8	GOLD PLATING	
	FS009-F6003-281 (PE Packing Pe袋装)	2	SCREW	STEEL	4	NICKEL PLATING	
		3	GASKET	SYNTHETIC RUBBER	1		BLACK
		4	SILICONE RING	SYNTHETIC RUBBER	4		BLACK
		5	HOOD	SYNTHETIC RESIN	1		BLACK
		6	SOCKET INSULATOR	SYNTHETIC RESIN	1		BLACK
		7	GROUND CONTACT	COPPER ALLOY	1	GOLD PLATING	
		8	CARD	SYNTHETIC RESIN	2		BULE
		9	SHIELD	STEEL	1		
		10	BUSHING	SYNTHETIC RUBBER	1		BLACK
		11	GLAND NUT	SYNTHETIC RESIN	1		BLACK

Ordering Information

FS009-F6003-28 X
1

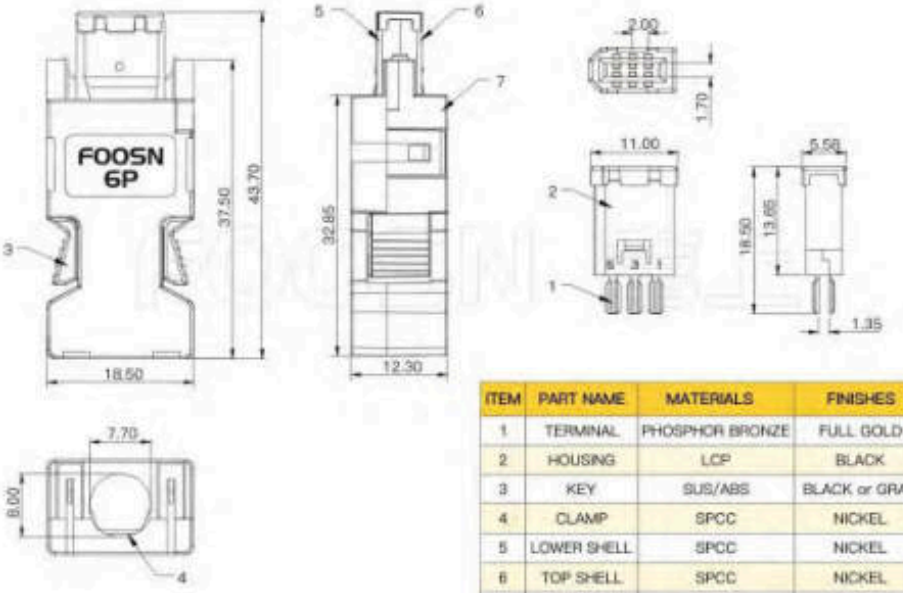
See Material List

IEEE 1394 6P Male Solder Type Connector



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	1.0A
2	VOLTAGE RATING	30V AC
3	CONTACT RESISTANCE	50mΩ
4	INSULATION RESISTANCE	500MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S



ITEM	PART NAME	MATERIALS	FINISHES
1	TERMINAL	PHOSPHOR BRONZE	FULL GOLD
2	HOUSING	LCP	BLACK
3	KEY	SUS/ABS	BLACK or GRAY
4	CLAMP	SPCC	NICKEL
5	LOWER SHELL	SPCC	NICKEL
6	TOP SHELL	SPCC	NICKEL
7	HOOD	PC+ABS	BLACK or GRAY

Ordering Information

F1394 - M604 XX - XX
1 2

1. Contact Finishes:
00=Full Gold 01=1U" Gold 03=3U" Gold 05=5U" Gold 10=10U" Gold 15=15U" Gold

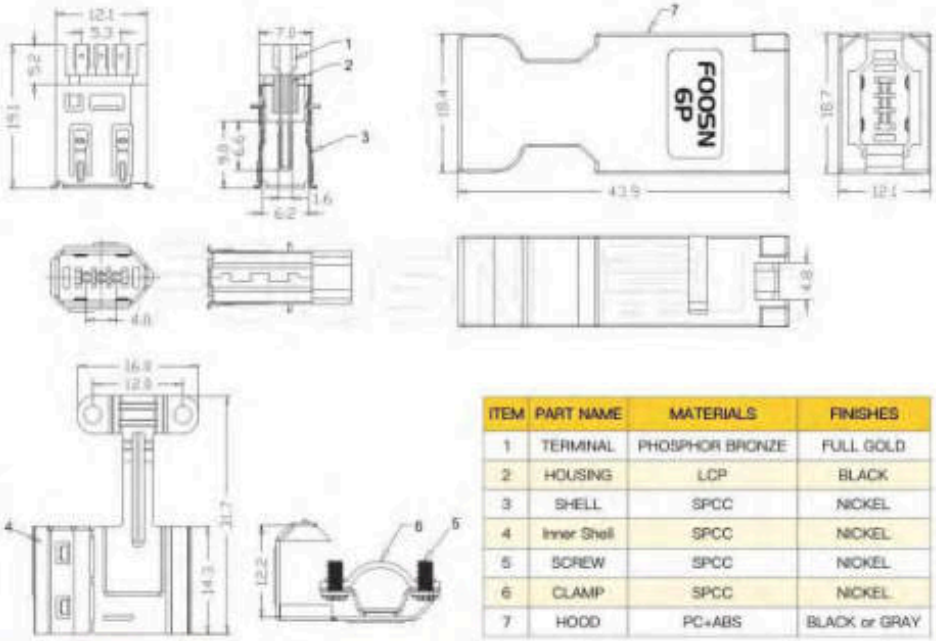
2. Package and Color and Logo Option:
80=Without Logo,Tray Package,Shell Black
81=With FOOSN Logo,Tray Package,Shell Black
82=Without Logo,Tray Package,Shell Gray
83=With FOOSN Logo,Tray Package,Shell Gray
85=With FOOSN Logo,PE bag Package,Shell Gray
86=Without Logo,PE bag Package,Shell Gray

IEEE 1394 6P Female Solder Type Connector



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	VOLTAGE RATING	30V AC
3	CONTACT RESISTANCE	50mΩ
4	INSULATION RESISTANCE	1000MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
6	OPERATION TEMPERATURE	-40°C ~ +85°C



ITEM	PART NAME	MATERIALS	FINISHES
1	TERMINAL	PHOSPHOR BRONZE	FULL GOLD
2	HOUSING	LCP	BLACK
3	SHELL	SPCC	NICKEL
4	Inner Shell	SPCC	NICKEL
5	SCREW	SPCC	NICKEL
6	CLAMP	SPCC	NICKEL
7	HOOD	PC+ABS	BLACK or GRAY

Ordering Information

F1394 - F604 XX - XX
1 2

1. Contact Finishes:
00=Full Gold 01=1U" Gold 03=3U" Gold 05=5U" Gold 10=10U" Gold 15=15U" Gold

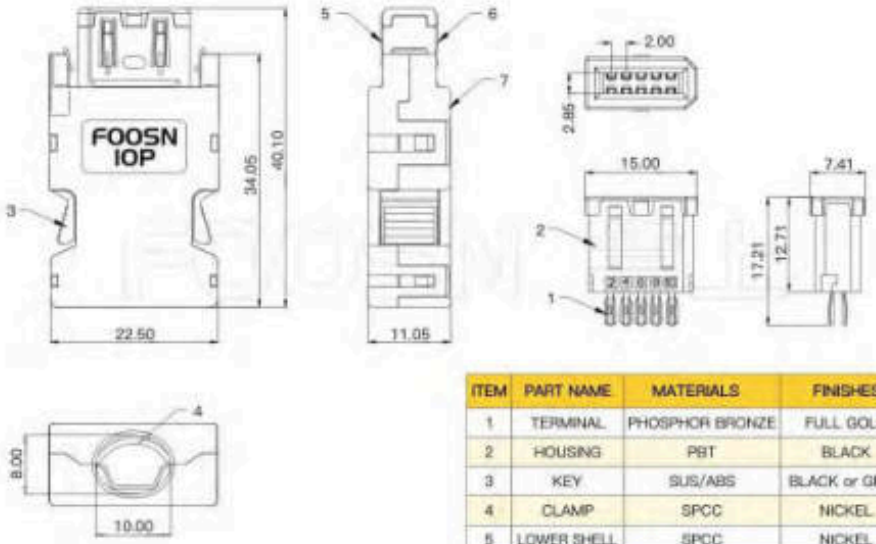
2. Package and Color and Logo Option:
80=Without Logo,Tray Package,Hook Black
81=With FOOSN Logo,Tray Package,Hook Black
82=Without Logo,Tray Package,Hook Gray
83=With FOOSN Logo,Tray Package,Hook Gray
85=With FOOSN Logo,PE bag Package,Hook Gray
86=Without Logo,PE bag Package,Shell Gray
87=Without Logo,PE bag Package,Hook Black
88=With FOOSN Logo,PE bag Package,Hook Black

IEEE 1394 10P Male Solder Type Connector



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	1.0A
2	VOLTAGE RATING	30V AC
3	CONTACT RESISTANCE	50mΩ
4	INSULATION RESISTANCE	500MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S



ITEM	PART NAME	MATERIALS	FINISHES
1	TERMINAL	PHOSPHOR BRONZE	FULL GOLD
2	HOUSING	PBT	BLACK
3	KEY	SUS/ABS	BLACK or GRAY
4	CLAMP	SPCC	NICKEL
5	LOWER SHELL	SPCC	NICKEL
6	TOP SHELL	SPCC	NICKEL
7	HOOD	PC+ABS	BLACK or GRAY

Ordering Information

F1394 - M104 XX - XX
1 2

1. Contact Finishes:
00=Full Gold 01=1U" Gold 03=3U" Gold 05=5U" Gold 10=10U" Gold 15=15U" Gold

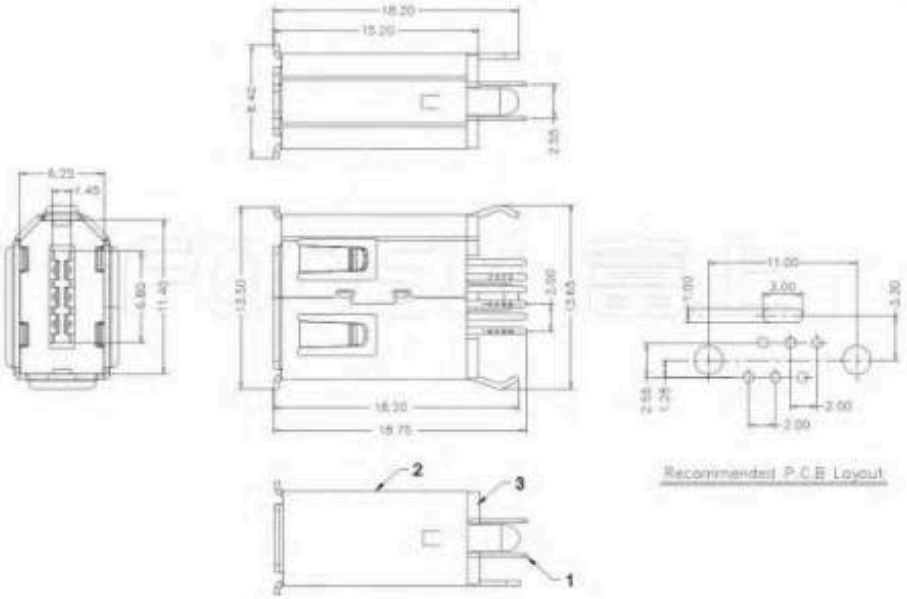
2. Package and Color and Logo Option:
80=Without Logo,Tray Package,Shell Black
81=With FOOSN Logo,Tray Package,Shell Black
82=Without Logo,Tray Package,Shell Gray
83=With FOOSN Logo,Tray Package,Shell Gray
85=With FOOSN Logo,PE bag Package,Shell Black
86=Without Logo,PE bag Package,Shell Black

IEEE 1394 6P Female 180° DIP Type Connector



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	1.0A
2	VOLTAGE RATING	30V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	500MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
6	OPERATION TEMPERATURE	-40°C ~ +105°C



Recommended P.C.B Layout

ITEM	PART NAME	MATERIALS	FINISHES
1	TERMINAL	COPPER ALLOY	GOLD ON CONTACT AREA,TIN ON SOLDER AREA
2	SHELL	SPCC	NICKEL
3	HOUSING	LCP	BLACK

Ordering Information

F1394 - 6F 18 XX - 1 X
1 2 3 4

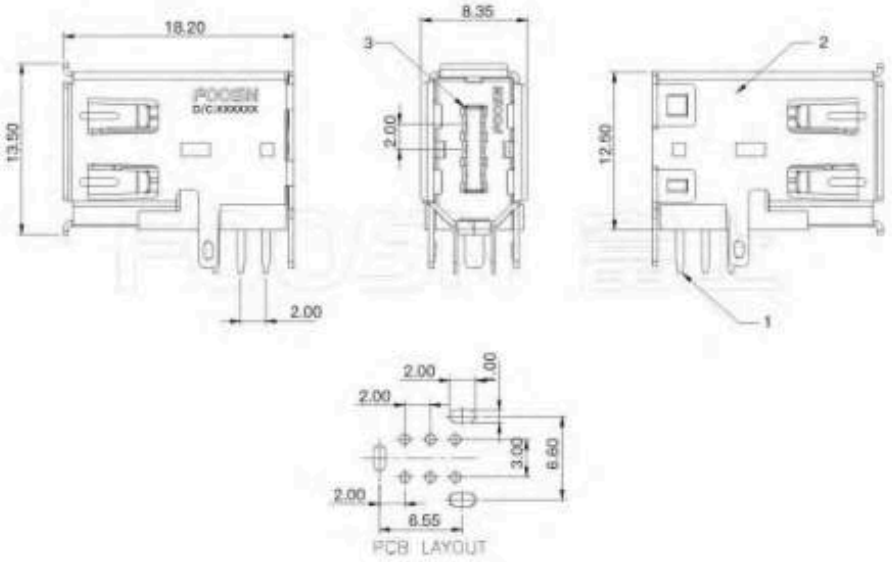
1. Contact Type: 6F=6P Female 2. Connector Type: 180=180° DIP Type
3. Contact Finishes: 00=Full Gold 01=1U" Gold 03=3U" Gold 05=5U" Gold 10=10U" Gold 15=15U" Gold
4. Packing Option: 5=Tray(Standard) 6=Tube

IEEE 1394 6P Female 90° DIP Type



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	1.0A
2	VOLTAGE RATING	30V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	500MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
6	OPERATION TEMPERATURE	-40°C ~ +105°C



ITEM	PART NAME	MATERIALS	FINISHES
1	TERMINAL	COPPER ALLOY	GOLD ON CONTACT AREA,TIN ON SOLDER AREA
2	SHELL	SPCC	NICKEL
3	HOUSING	LCP	BLACK

Ordering Information

FIEE - 6F DIP - 0 XX
1 2 3 4

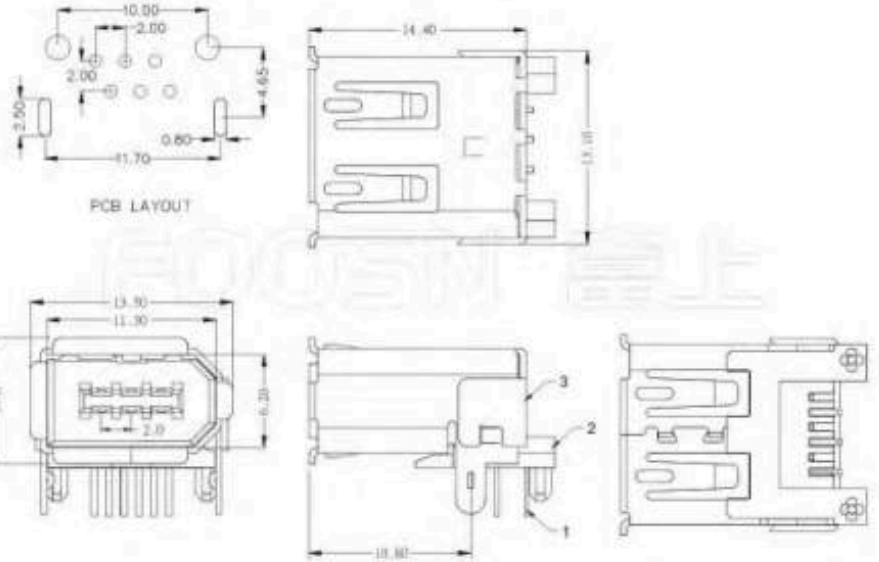
1. 1394 SERIES 2. CONNECTOR TYPE 6P FEMALE 3. CONNECTOR STYLE DIP TYPE
4. CONTACT FINISHES: 07=Gold Flash 08=3U" Gold 09=5U" Gold 10=10U" Gold 15=15U" Gold 30=30U" Gold

IEEE 1394 6P Female 90° DIP Type Connector



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	1.0A
2	VOLTAGE RATING	30V AC
3	CONTACT RESISTANCE	50mΩ
4	INSULATION RESISTANCE	500MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
6	OPERATION TEMPERATURE	-40°C ~ +105°C



ITEM	PART NAME	MATERIALS	FINISHES
1	TERMINAL	COPPER ALLOY	GOLD ON CONTACT AREA,TIN ON SOLDER AREA
2	HOUSING	LCP	BLACK
3	SHELL	SPCC	NICKEL

Ordering Information

F1394 - 6F (1) 90 (2) XX (3) - 0 X (4)

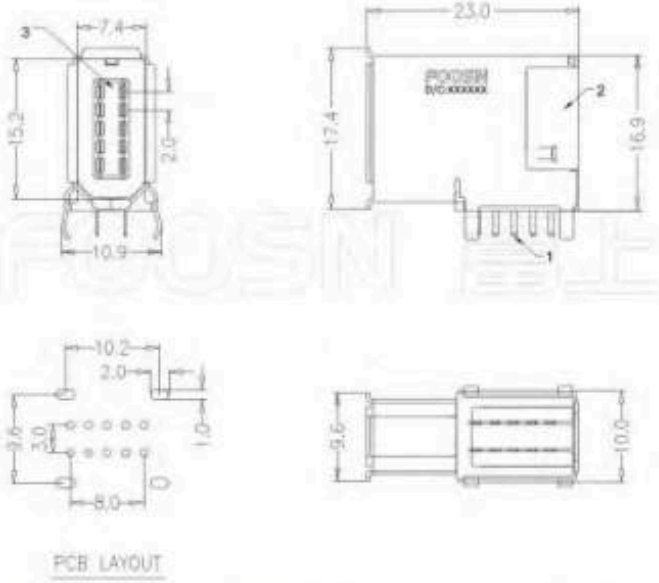
1. Contact Type: 6F=6P Female 2. Connector Type: 90=90° DIP Type
3. Contact Finishes: 00=Full Gold 01=1U" Gold 03=3U" Gold 05=5U" Gold 10=10U" Gold 15=15U" Gold
4. Packing Option: 5=Tray(Standard) 6=Tube

1394 10P 90° Female DIP Type



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	1.5A
2	VOLTAGE RATING	30V AC
3	CONTACT RESISTANCE	50mΩ
4	INSULATION RESISTANCE	1000MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
6	OPERATION TEMPERATURE	-40°C ~ +105°C



ITEM	PART NAME	MATERIALS	FINISHES
1	TERMINAL	COPPER ALLOY	GOLD ON CONTACT AREA,TIN ON SOLDER AREA
2	SHELL	SPCC	TIN or NICKEL
3	HOUSING	LCP	BLACK

Ordering Information

F1394 - 10F9 XX (1) - 1 X (2)

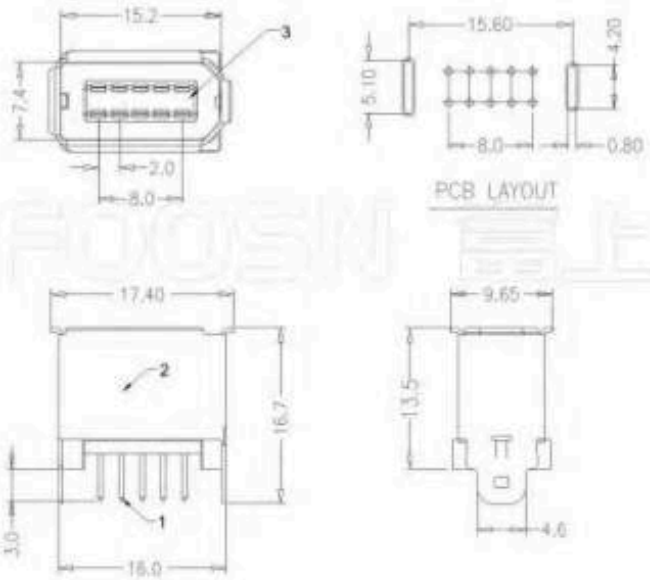
1. Contact Finishes: 01=1U" Gold 03=3U" Gold 05=5U" Gold 10=10U" Gold 15=15U" Gold 30=30U" Gold
2. Packing Option: 5=Tray(Standard) 6=Tube

IEEE 1394 10P Female 180° DIP Type Connector



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	1.5A
2	VOLTAGE RATING	30V AC
3	CONTACT RESISTANCE	20mΩ
4	INSULATION RESISTANCE	1000MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
6	OPERATION TEMPERATURE	-40°C ~ +105°C



ITEM	PART NAME	MATERIALS	FINISHES
1	TERMINAL	COPPER ALLOY	GOLD Over NICKEL
2	SHELL	COPPER ALLOY	TIN Over NICKEL
3	HOUSING	LCP	BLACK

Ordering Information

F1394 - 10F18 X - 1 X
1 2

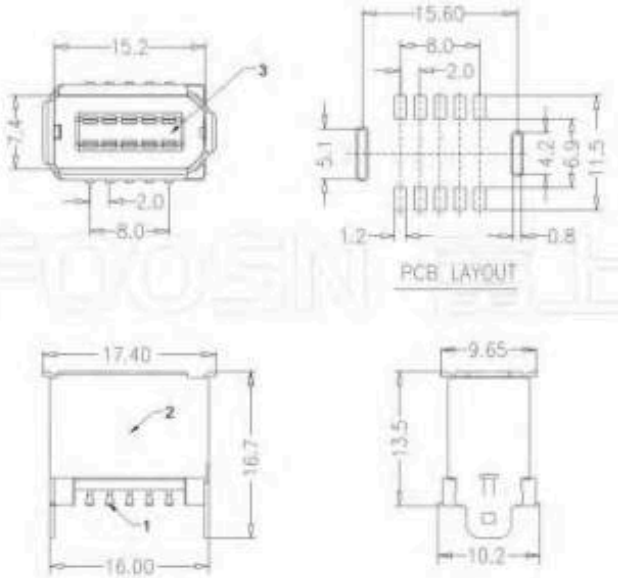
1. Contact Finishes: 1=1U" Gold 3=3U" Gold 5=5U" Gold 9=30U" Gold
2. Packing Option: 5=Tray(Standard) 6=Tube

IEEE 1394 10P Female 180° SMT Type Connector



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	1.5A
2	VOLTAGE RATING	30V AC
3	CONTACT RESISTANCE	20mΩ
4	INSULATION RESISTANCE	1000MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
6	OPERATION TEMPERATURE	-40°C ~ +105°C



ITEM	PART NAME	MATERIALS	FINISHES
1	TERMINAL	COPPER ALLOY	GOLD Over NICKEL
2	SHELL	COPPER ALLOY	TIN Over NICKEL
3	HOUSING	LCP	BLACK

Ordering Information

F1394 - 10F18 X - 0 X
1 2

1. Contact Finishes: 1=1U" Gold 3=3U" Gold 5=5U" Gold 9=30U" Gold
2. Packing Option: 5=Tray(Standard) 6=Tube

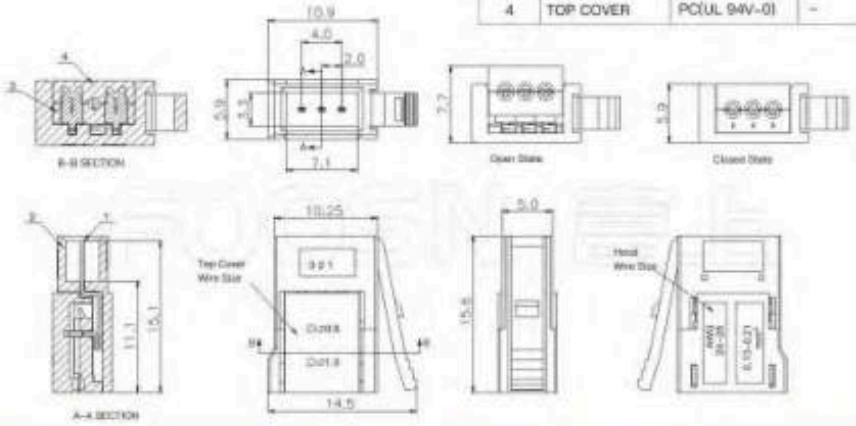
E-CONN 3P Male



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	CONTACT RESISTANCE	50mΩ
3	INSULATION RESISTANCE	1000MΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	1000V AC/60S
5	OPERATION TEMPERATURE	-20°C~+85°C

ITEM	PART NAME	MATERIALS	FINISHES
1	TERMINAL	COPPER ALLOY	Au Over Ni
2	HOUSING	PBT(UL 94V-0)	BLACK
3	BOTTOM COVER	PC(UL 94V-0)	-
4	TOP COVER	PC(UL 94V-0)	-



Part No.	Top Cover	Housing Color	Bottom Cover Wire Size	Hood Wire Size
F8026-M80031-01	Purple	Black	Ø0.6-0.8	AWG26-24 0.13-0.21mm²
F8026-M80031-02	Red		Ø0.8-1.0	
F8026-M80031-03	Yellow		Ø1.2-1.6	
F8026-M80031-04	Orange		Ø1.2-1.6	
F8026-M80031-05	Green		Ø1.0-1.2	
F8026-M80031-06	Blue		Ø1.2-1.6	AWG20-22 0.32-0.50mm²
F8026-M80031-07	Gray		Ø1.6-1.2	

Ordering Information

F8026-M80031-0X

See Material List

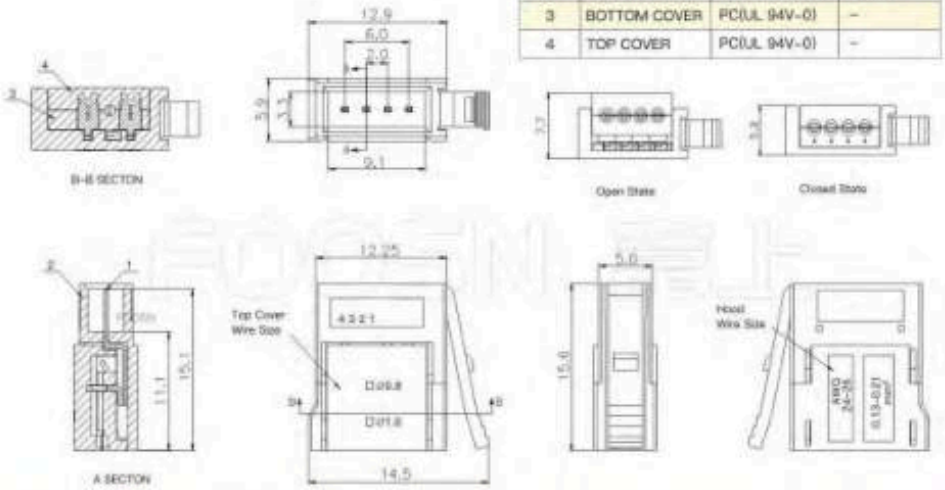
E-CONN 4P Male



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	CONTACT RESISTANCE	50mΩ
3	INSULATION RESISTANCE	1000MΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	1000V AC/60S
5	OPERATION TEMPERATURE	-20°C~+85°C

ITEM	PART NAME	MATERIALS	FINISHES
1	TERMINAL	COPPER ALLOY	Au Over Ni
2	HOUSING	PBT(UL 94V-0)	BLACK
3	BOTTOM COVER	PC(UL 94V-0)	-
4	TOP COVER	PC(UL 94V-0)	-



Part No.	Top Cover	Housing Color	Bottom Cover Wire Size	Hood Wire Size
F8026-M80041-01	Purple	Black	Ø0.6-0.8	AWG26-24 0.13-0.21mm²
F8026-M80041-02	Red		Ø0.8-1.0	
F8026-M80041-03	Yellow		Ø1.0-1.2	
F8026-M80041-04	Orange		Ø1.2-1.6	
F8026-M80041-05	Green		Ø1.0-1.2	
F8026-M80041-06	Blue		Ø1.2-1.6	AWG20-22 0.32-0.50mm²
F8026-M80041-07	Gray		Ø1.6-1.2	

Ordering Information

F8026-M80041-0X

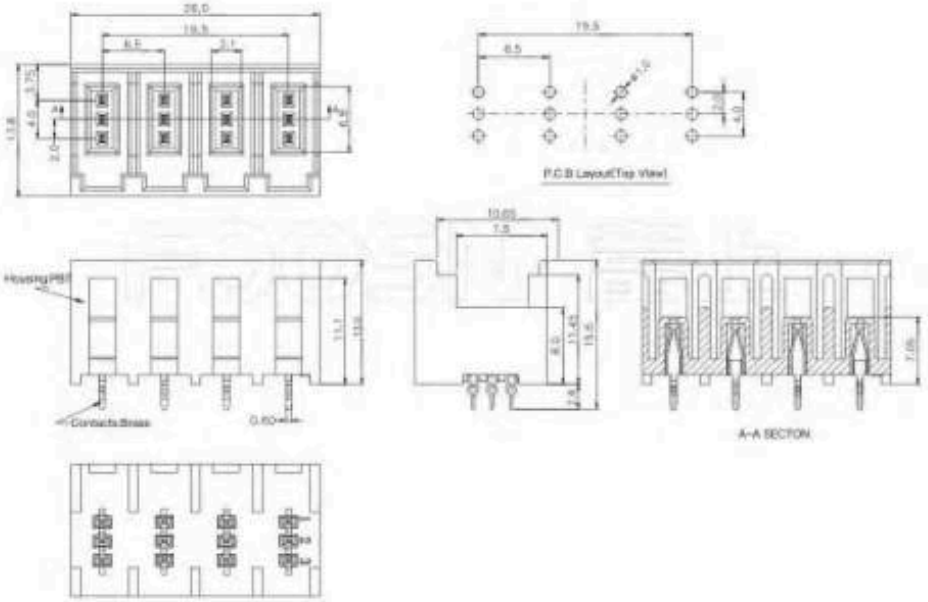
See Material List

E-CONN 4x3P Socket 180° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	CONTACT RESISTANCE	50mΩ
3	INSULATION RESISTANCE	1000MΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	1000V AC/60S
5	OPERATION TEMPERATURE	-20°C~+85°C



ITEM	DESC.	MATERIAL	REMAKS
1	TERMINAL	COPPER ALLOY	PLATING:GOLD FLASH/TIN
2	HOUSING	PBT+30%GF	COLOR:BLACK

Ordering Information

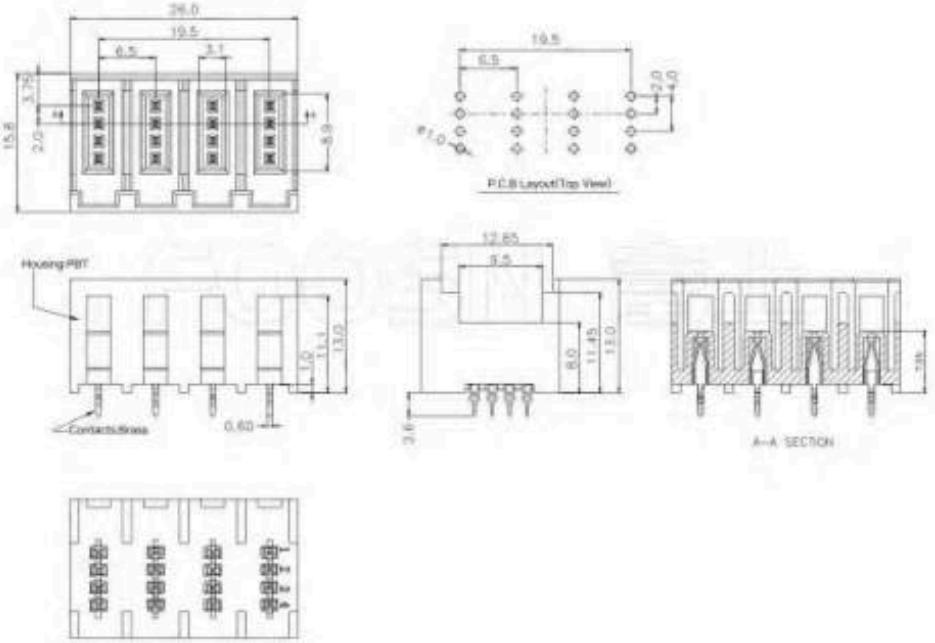
F8026 - F12431 - 01

E-CONN 4x4P Socket 180° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	CONTACT RESISTANCE	50mΩ
3	INSULATION RESISTANCE	1000MΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	1000V AC/60S
5	OPERATION TEMPERATURE	-20°C~+85°C



ITEM	DESC.	MATERIAL	REMAKS
1	TERMINAL	COPPER ALLOY	PLATING:GOLD FLASH/TIN
2	HOUSING	PBT+30%GF	COLOR:BLACK

Ordering Information

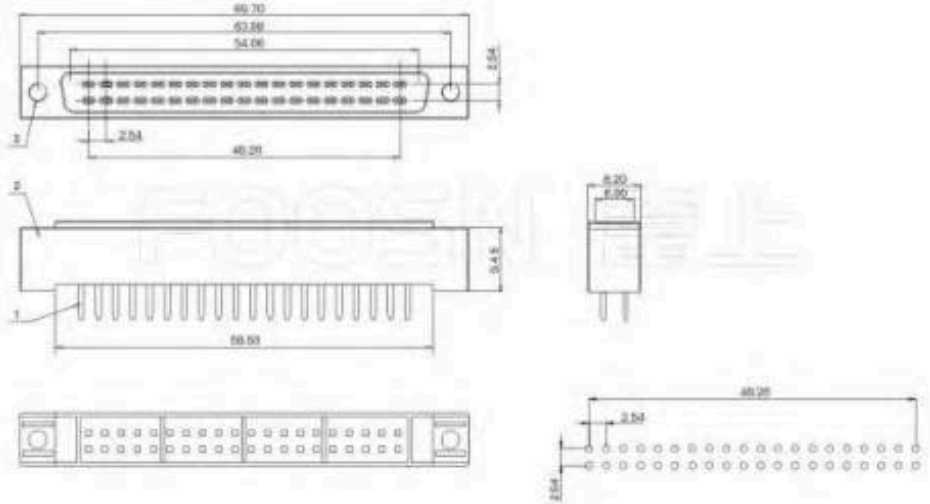
F8026 - F12441 - 01

FCN 40P Male 180° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	CONTACT RESISTANCE	50mΩ
3	INSULATION RESISTANCE	500MΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
5	OPERATION TEMPERATURE	-40°C~+105°C



ITEM	PART NAME	MATERIAL	REMAKS
1	TERMINAL	COPPER ALLOY	PLATING:GOLD FLASH/TIN
2	HOUSING	PBT+30%GF	COLOR:BLACK
3	NUT(M2.5)	COPPER ALLOY	

Ordering Information

FHT 40 (1) - M182 XX (2) - 01

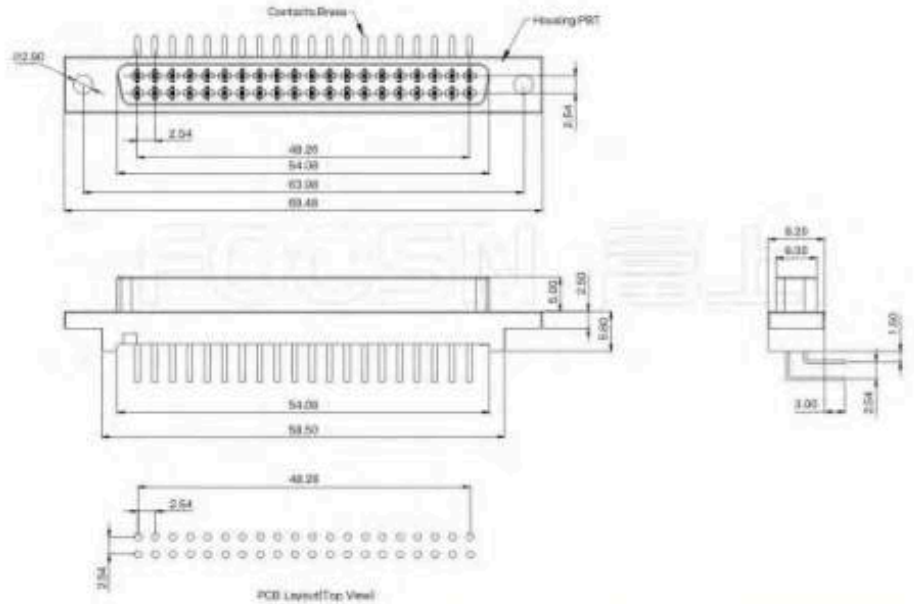
1. No. of Contacts: 40=2x20Pins
2. Contact Finishes: 01=Gold Flash 03=3U" Gold 05=5U" Gold 10=10U" Gold 30=30U" Gold

FCN 40P Female 90° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	CONTACT RESISTANCE	50mΩ
3	INSULATION RESISTANCE	500MΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
5	OPERATION TEMPERATURE	-40°C~+105°C



ITEM	DESC.	MATERIAL	REMAKS
1	TERMINAL	COPPER ALLOY	PLATING:GOLD FLASH/TIN
2	HOUSING	PBT+30%GF	COLOR:BLACK

Ordering Information

FHT 40 (1) -F900 XX (2) -30 (3)

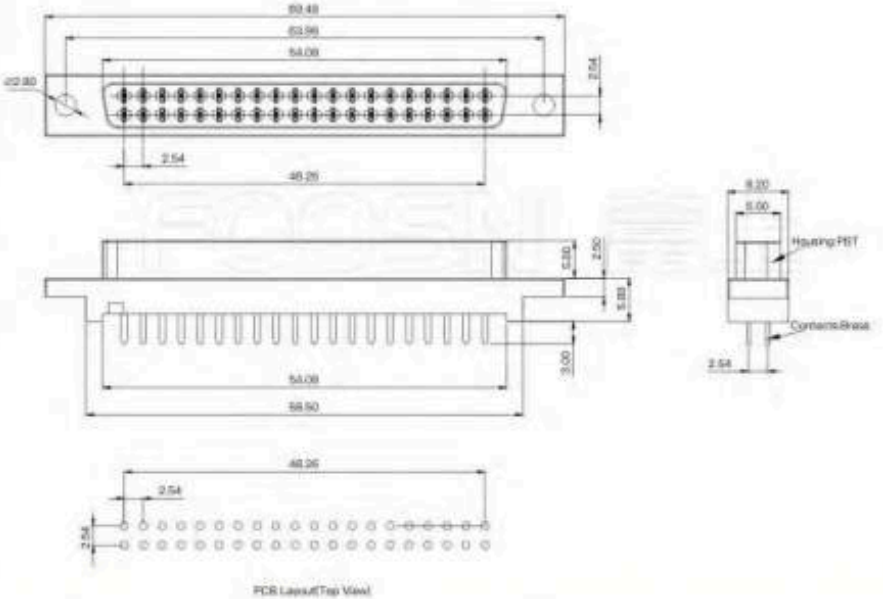
1. No. of Contacts: 40=2x20Pins
2. Contact Finishes: 01=Gold Flash 03=3U" Gold 05=5U" Gold 10=10U" Gold 30=30U" Gold
3. Solder Length: 30=3.0mm

FCN 40P Female 180° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	CONTACT RESISTANCE	50mΩ
3	INSULATION RESISTANCE	500MΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
5	OPERATION TEMPERATURE	-40°C~+105°C



ITEM	DESC.	MATERIAL	REMAKS
1	TERMINAL	COPPER ALLOY	PLATING:GOLD FLASH/TIN
2	HOUSING	PBT+30%GF	COLOR:BLACK

Ordering Information

FHT 40 (1) - F180 XX (2) - 30 (3)

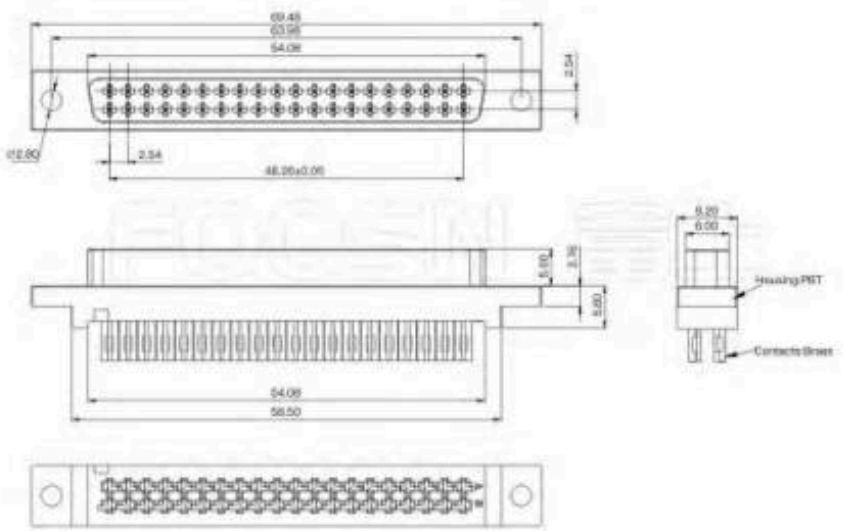
1. No. of Contacts: 40=2x20Pins
2. Contact Finishes: 01=Gold Flash 03=3U" Gold 05=5U" Gold 10=10U" Gold 30=30U" Gold
3. Solder Length: 30=3.0mm

FCN 40P Female Solder Type



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	CONTACT RESISTANCE	50mΩ
3	INSULATION RESISTANCE	500MΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
5	OPERATION TEMPERATURE	-40°C~+105°C



ITEM	DESC.	MATERIAL	REMAKS
1	TERMINAL	COPPER ALLOY	PLATING:GOLD FLASH/TIN
2	HOUSING	PBT+30%GF	COLOR:BLACK

Ordering Information

FHT 40 (1) - F001 XX (2) - 01

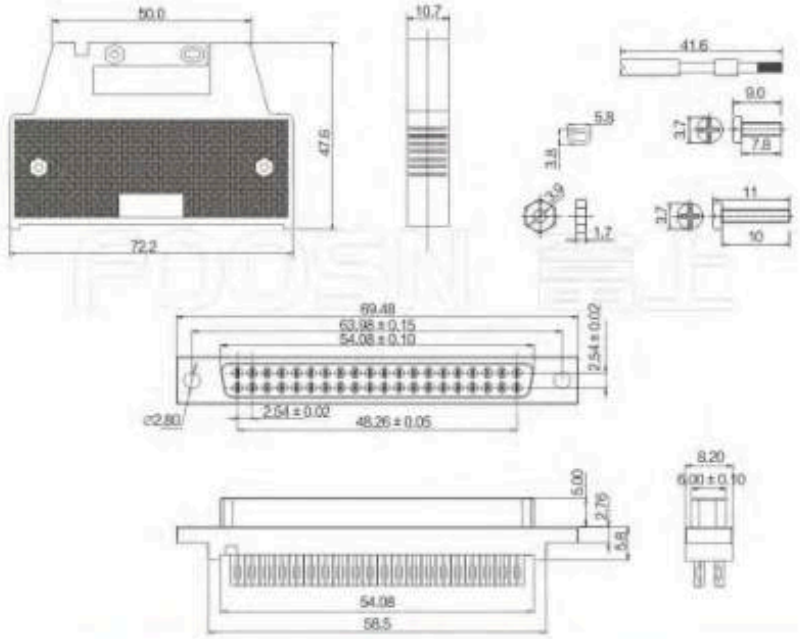
1. No. of Contacts: 40=2x20Pins
2. Contact Finishes: 01=Gold Flash 03=3U" Gold 05=5U" Gold 10=10U" Gold 30=30U" Gold

FCN 40P Female Solder Type with Cover



ELECTRICAL CHARACTERISTICS

1	CONTACT CURRECT RATING	3AMP
2	DIELECTRIC WITHSTANDING VOLTAGE	500V AC
3	INSULATION RESISTANCE	500MΩ /MIN
4	CONTACT RESISTANCE	35MΩ /MAX
5	OPERAION TEMPERATURE	-25℃ - +85℃



ITEM	DESC.	MATERIAL	REMAKS
1	HOOD	ABS+30%GF	COLOR:BLACK
2	SCERW	STEEL	PLATING:NI
3	NUT	STEEL	PLATING:NI
4	TERMINAL	COPPER ALLOY	COLOR:BLACK
5	HOUSING	PBT+30%GF	PLATING: GOLD FLASH/TIN

Ordering Information

FHT40-F00101-03

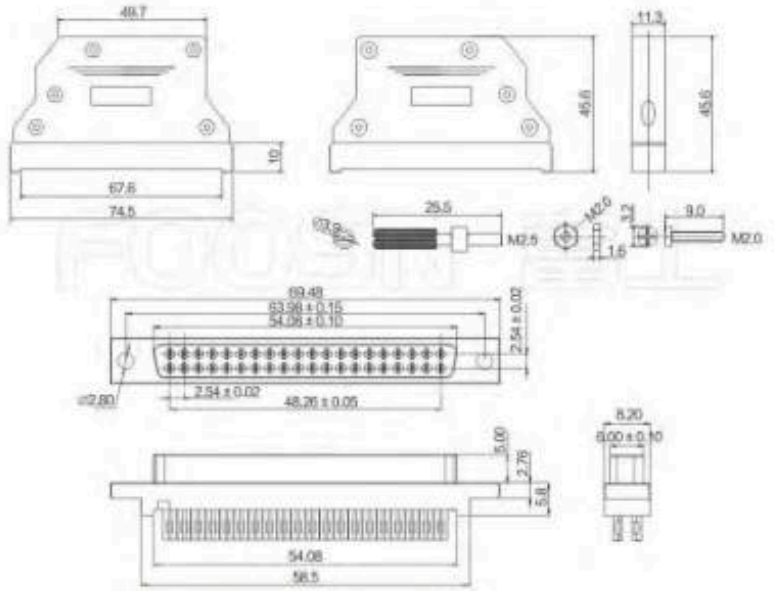
FOOSN 东莞市福上电子科技有限公司

FCN 40P Female Solder Type with Cover



ELECTRICAL CHARACTERISTICS

1	CONTACT CURRECT RATING	3AMP
2	DIELECTRIC WITHSTANDING VOLTAGE	500V AC
3	INSULATION RESISTANCE	500MΩ /MIN
4	CONTACT RESISTANCE	35MΩ /MAX
5	OPERAION TEMPERATURE	-25℃ - +85℃



ITEM	DESC.	MATERIAL	REMAKS
1	HOOD	ABS+30%GF	COLOR:BLACK
2	SCERW	STEEL	PLATING:NI
3	NUT	STEEL	PLATING:NI
4	TERMINAL	COPPER ALLOY	COLOR:BLACK
5	HOUSING	PBT+30%GF	PLATING: GOLD FLASH/TIN

Ordering Information

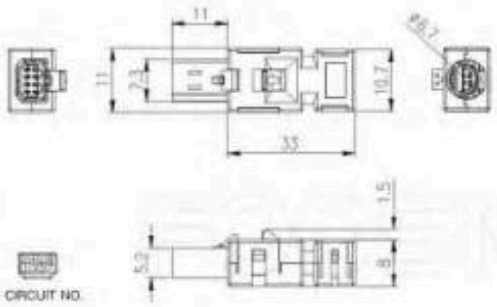
FHT40-F00101-05

Panasonic X2 Servo Motor Connector DVOPM20024



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	VOLTAGE RATING	200V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	500MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
6	OPERATION TEMPERATURE	-20°C ~ +85°C





ITEM	DESC.	MATERIAL	REMAKS
1	TERMINAL	COPPER ALLOY	PLATING:Au
2	HOUSING COVER	PBT UL94V-0	COLOR:BLACK
3	SHELL	STEEL	PLATING:Ni
4	SHELL	STEEL	PLATING:Ni
5	LOCK EJECTOR	PBT UL94V-0	COLOR:BLACK
6	HOOD	PBT UL94V-0	COLOR:BLACK
7	HOOD	PBT UL94V-0	COLOR:BLACK
8	COPPER FOIL TAPE	ELECTROLYSIS COPPER FOIL	COLOR:BLACK
9	HEAT SHRIN. TUBE	CROSS-LINKED POLYOLEFIN	COLOR:BLACK
10	HOUSING	PBT UL94V-0	COLOR:BLACK

Ordering Information

FS 08 2- F802 XX - 0 1
(08: 1; XX: 2; 0: 3; 1: 4)

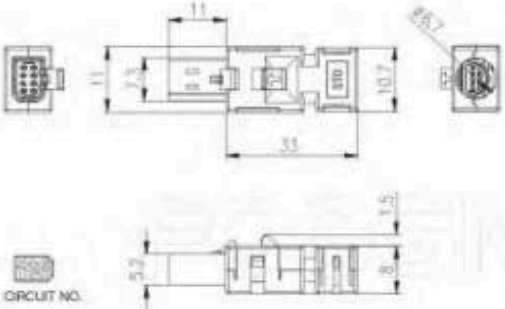
1.No. of Contacts: 08=2x4P
2.Contact Finishes: 01=Gold Flash 03=3U" Gold 05=5U" Gold 10=10U" Gold 15=15U" Gold 30=30U" Gold
3.Packing Option: 0=Non Logo 1=With FOOSN Logo
4.Packing Option: 1=PE Packing 2=Blister Packing

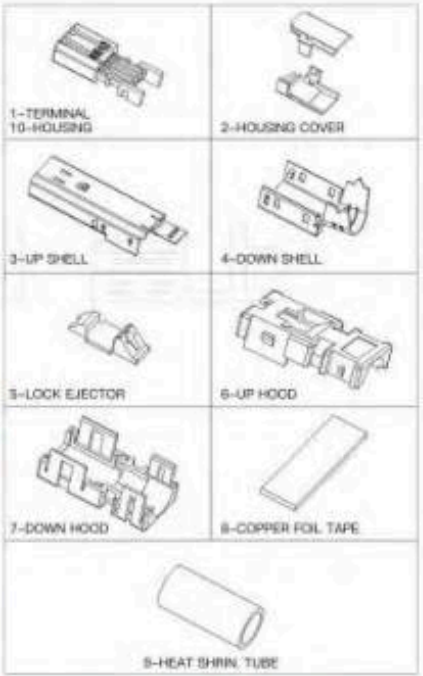
Panasonic X3 Servo Motor Connector DVOPM20025



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	VOLTAGE RATING	200V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	500MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
6	OPERATION TEMPERATURE	-20°C ~ +85°C





ITEM	DESC.	MATERIAL	REMAKS
1	TERMINAL	COPPER ALLOY	PLATING:Au
2	HOUSING COVER	PBT UL94V-0	COLOR:BLACK
3	SHELL	STEEL	PLATING:Ni
4	SHELL	STEEL	PLATING:Ni
5	LOCK EJECTOR	PBT UL94V-0	COLOR:BLACK
6	HOOD	PBT UL94V-0	COLOR:BLACK
7	HOOD	PBT UL94V-0	COLOR:BLACK
8	COPPER FOIL TAPE	ELECTROLYSIS COPPER FOIL	COLOR:BLACK
9	HEAT SHRIN. TUBE	CROSS-LINKED POLYOLEFIN	COLOR:BLACK
10	HOUSING	PBT UL94V-0	COLOR:BLACK

Ordering Information

FS 08 3- F802 XX - 0 1
(08: 1; XX: 2; 0: 3; 1: 4)

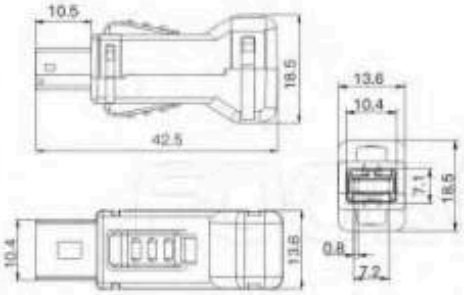
1.No. of Contacts: 08=2x4P
2.Contact Finishes: 01=Gold Flash 03=3U" Gold 05=5U" Gold 10=10U" Gold 15=15U" Gold 30=30U" Gold
3.Packing Option: 0=Non Logo 1=With FOOSN Logo
4.Packing Option: 1=PE Packing 2=Blister Packing

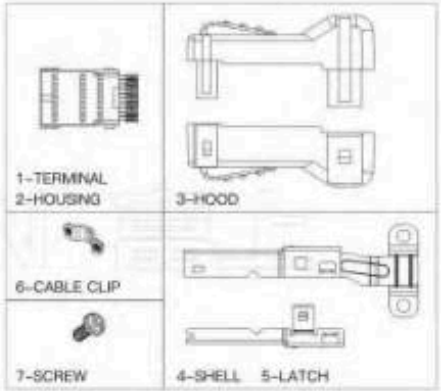
Panasonic X5 Servo Motor Connector MUF-PK10K-X



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	VOLTAGE RATING	200V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	500MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
6	OPERATION TEMPERATURE	-20°C ~ +85°C





ITEM	DESC.	MATERIAL	REMAKS
1	TERMINAL	COPPER ALLOY	PLATING: Au
2	HOUSING	PBT UL94V-0	COLOR: BLACK
3	HOOD	PBT UL94V-0	COLOR: BLACK
4	SHELL	STEEL	PLATING: Ni
5	LATCH	STAINLESS STEEL	/
6	CABLE CLIP	STEEL	PLATING: Ni
7	SCREW	STEEL	PLATING: Ni

Ordering Information

FS 10 5- F802 XX - 0 1
(10: 1; XX: 2; 0: 3; 1: 4)

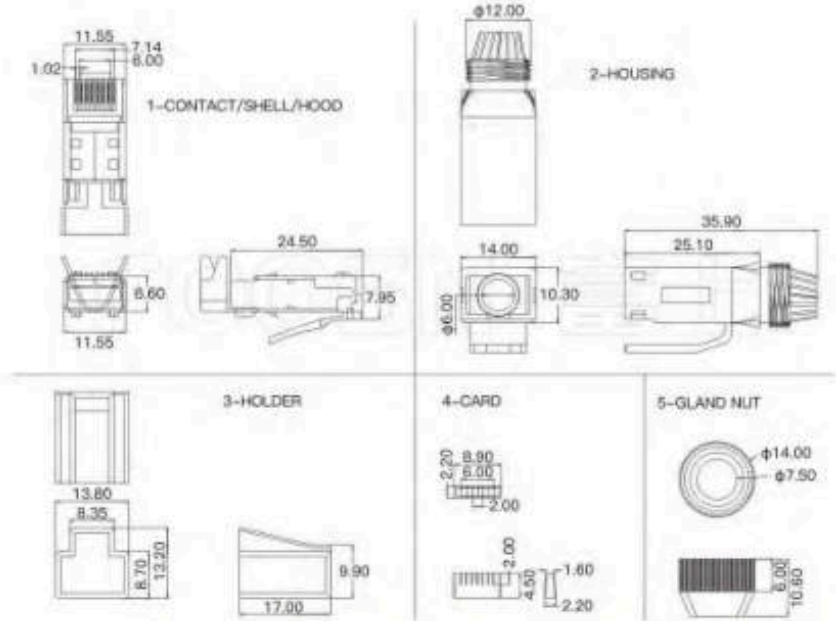
1.No. of Contacts: 10=2x5P
2.Contact Finishes: 01=Gold Flash 03=3U" Gold 05=5U" Gold 10=10U" Gold 15=15U" Gold 30=30U" Gold
3.Packing Option: 0=Non Logo 1=With FOOSN Logo
4.Packing Option: 1=PE Packing 2=Blister Packing

RJ45 Connector



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	1.5A
2	VOLTAGE RATING	125V AC
3	CONTACT RESISTANCE	30mΩ
4	INSULATION RESISTANCE	500MΩ
5	OPERATION TEMPERATURE	-20°C ~ +85°C



ITEM	PART NAME	MATERIALS	FINISHES
1	SHELL	SPCC	NICKEL
	TERMINAL	PHOSPHOR BRONZE	Contact Area Plating Gold
	HOOD	PBT UL 94V-0	/

ITEM	PART NAME	MATERIALS	FINISHES
2	HOUSING	PBT UL 94V-0	BLACK
3	HOLDER	LCP UL 94V-0	/
4	CARD	PBT UL 94V-0	/
5	GLAND NUT	PBT UL 94V-0	BLACK

Ordering Information

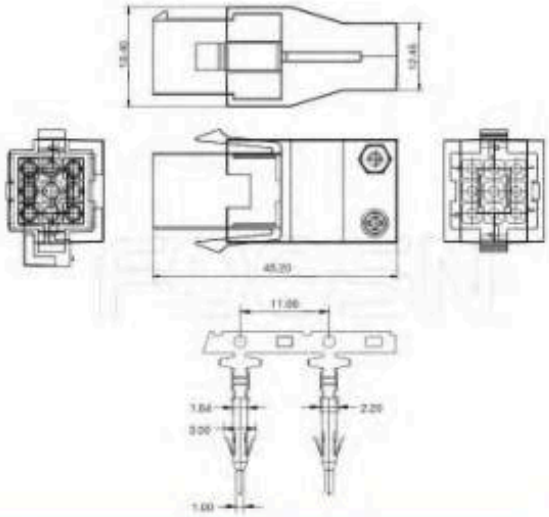
FRJ18 - 8P008 - 02

9P Servo Motor Connector



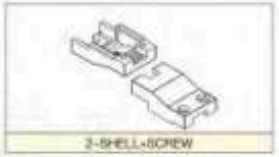
ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	9.5A
2	VOLTAGE RATING	600V AC
3	CONTACT RESISTANCE	20mΩ
4	INSULATION RESISTANCE	1000MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	600V AC/60S
6	OPERATION TEMPERATURE	-40°C~+105°C
7	APPLICABLE WIRE SIZE	AWG 26-22#

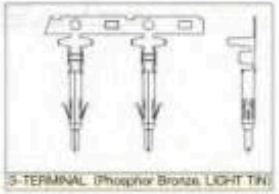




1-HOOD



2-SHELL+SCREW



3-TERMINAL (Phosphor Bronze, LIGHT TIN)

GOODS P/N		NO.	DESCRIPTION	MATERIAL	QTY.
F6351-M0920-00 (Part1+Part2+Part3)	F6351-M0920-01 (PART1+PART2)	1	HOOD	PA66	1PC
		2	SHELL+SCREW	PBT/STEEL	1SET
	F6351-M0920-02 (PART3)	3	TERMINAL	Phosphor Bronze	9Pcs

Ordering Information

F6351-M0920-0X

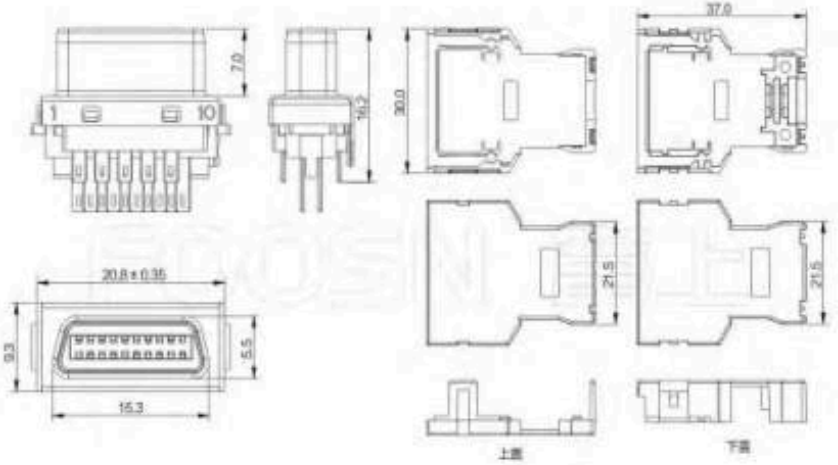
See Material List

PCR 20P Female Solder Type (PCR-20F for FANUC)



ELECTRICAL CHARACTERISTICS

1	CONTACT CURRECT RATING	1.5AMP
2	DIELECTRIC WITHSTANDING VOLTAGE	500V AC
3	INSULATION RESISTANCE	500MΩ /MIN
4	CONTACT RESISTANCE	35MΩ /MAX
5	OPERAION TEMPERATURE	-25℃ ~ +85℃



ITEM	DESC.	MATERIAL	REMAKS
1	TERMINAL	COPPER ALLOY	CONTACT AREA: Au 3u" SOLDER AREA: G/F UNDER-PLATING: Ni
2	SHELL	SPCC	PLATING: Ni
3	HOUSING	PBT+30%GF	COLOR: BLACK
4	COVER	PBT+30%GF	COLOR: BLACK
5	WRENCH SPRING	STAINLESS STEEL	/
6	SCERW	STAINLESS STEEL	/
7	HOOD	ABS+30%GF	COLOR: BLACK

Ordering Information

FHC XX - FH 00 XX - H0
(1) (2)

1.No. of contacts: 20=20P

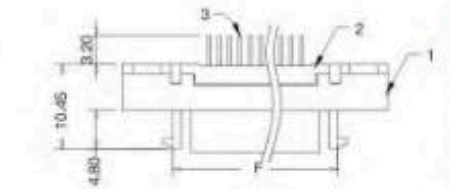
2.Contact Finishes: 01=1u"Gold Selective Plating 5=5u" Gold Selective Plating 15=15u"Gold Selective Plating

SCSI CN-14~100P Female 180°DIP Connector

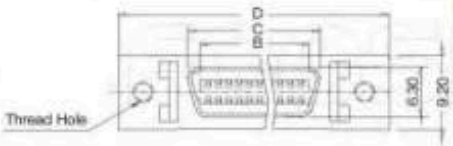


ELECTRICAL CHARACTERISTICS

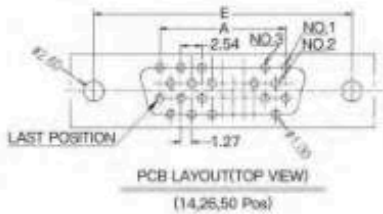
1	CURRENT RATING	0.5A
2	VOLTAGE RATING	30V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	500MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC
6	OPERATION TEMPERATURE	-55°C ~ +75°C

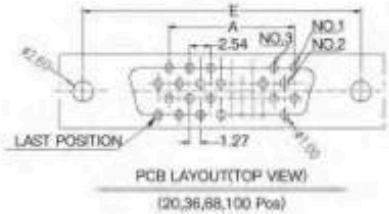


No. of Pin	DIMENSIONS					
	A	B	C	D	E	F
14P	7.62	9.52	12.60	29.51	23.64	17.25
20P	10.16	13.10	16.43	33.32	27.45	21.06
26P	15.24	17.10	20.24	37.13	32.26	24.76
36P	20.32	23.40	26.50	43.46	37.61	31.11
50P	30.48	32.29	35.39	52.37	46.50	40.00
68P	40.64	42.54	46.90	64.00	57.92	51.00
100P	62.23	64.58	67.25	84.18	78.25	71.25









ITEM	PART NAME	MATERIALS	FINISHES
1	SHELL	ZINC ALLOY	NICKEL
2	HOUSING	PBT	BLACK
3	TERMINAL	PHOSPHOR BRONZE	GOLD ON CONTACT AREA,TIN ON SOLDER AREA

Ordering Information

FCN XXX - F1 ZN XX - 2 X
(1) (2) (3)

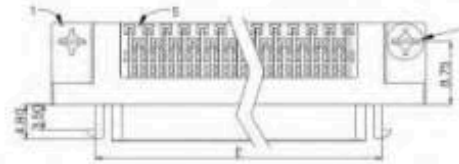
1. No. of contacts: 14=14Pin 20=20Pin 26=26Pin 36=36Pin 50=50Pin 68=68Pin 100=100Pin
2. Contact Finishes: 01=Gold Flash 03=3U" Gold 05=5U" Gold 10=10U" Gold 15=15U" Gold 30=30U" Gold
3. Screw Option: 1=#2-56 2=M2.6(Normal) 4=#4-40 5=M2.5

SCSI CN-14~100P Female 90°DIP Connector

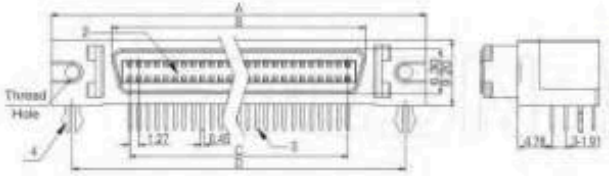


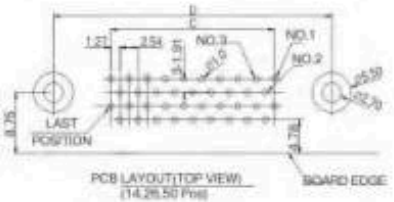
ELECTRICAL CHARACTERISTICS

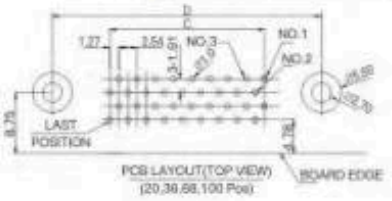
1	CURRENT RATING	0.5A
2	VOLTAGE RATING	30V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	500MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC
6	OPERATION TEMPERATURE	-55°C ~ +75°C



No. of Pin	DIMENSIONS				
	A	B	C	D	E
14P	29.54	12.50	7.62	23.64	17.15
20P	33.40	16.35	11.43	27.45	21.00
26P	37.16	20.15	15.24	31.26	24.75
36P	43.51	26.50	21.59	37.61	31.15
50P	52.40	35.30	30.48	46.50	39.95
68P	63.90	46.80	36.83	57.93	51.50
100P	84.15	67.15	62.23	78.25	71.15







ITEM	PART NAME	MATERIALS	FINISHES
1	SHELL	ZINC ALLOY	NICKEL
2	HOUSING	PBT	BLACK
3	TERMINAL	PHOSPHOR BRONZE	GOLD ON CONTACT AREA,TIN ON SOLDER AREA
4	HARPOON	COPPER ALLOY	NICKEL
5	COVER	LCP	BLACK

Ordering Information

FCN XX - F92 X XX - 34
(1) (2) (3)

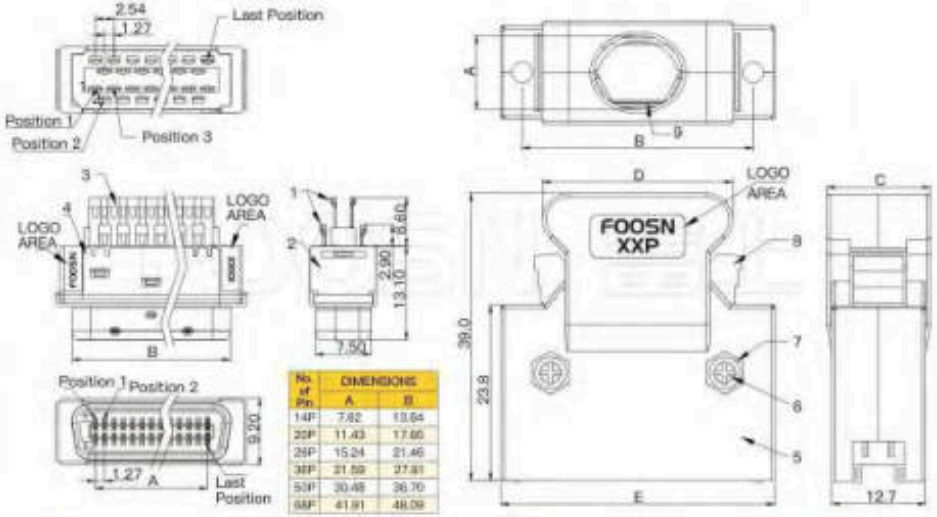
1. No. of contacts: 14=14Pin 20=20Pin 26=26Pin 36=36Pin 50=50Pin 68=68Pin 100=100Pin
2. Screw Option: 1=#2-56 2=M2.5 3=M2.6(Normal) 4=#4-40
3. Contact Finishes: 01=Gold Flash 03=3U" Gold 05=5U" Gold 10=10U" Gold 15=15U" Gold 30=30U" Gold

SCSI MDR-14~68P Solder Type Hook Lock



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	1.0A
2	VOLTAGE RATING	30V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	500MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC
6	OPERATION TEMPERATURE	-55°C ~ +105°C



No. of Pin	DIMENSIONS A	B
14P	7.62	13.84
20P	11.43	17.65
26P	15.24	21.46
36P	21.59	27.81
50P	30.48	36.70
68P	41.91	48.09

P/N:

ITEM	PART NAME	MATERIALS	FINISHES
1	TERMINAL	PHOSPHOR BRONZE	GOLD or TIN
2	HOUSING	PBT	BLACK
3	COVER	PBT	BLACK
4	SHELL	SPCC	NICKEL
5	HOOD	ABS	BLACK
6	SHORT SCREW	SPCC	NICKEL
7	NUT	SPCC	NICKEL
8	KEY	SUS+ABS	/
9	CLAMP	SPCC	NICKEL or Sn

P/N:

No. of Pin	DIMENSIONS A	B	C	D	E
14P	7.00	23.58	12.70	18.20	29.50
20P	10.00	27.40	14.00	22.00	33.40
26P	10.00	31.30	14.00	25.80	37.20
36P	14.00	37.61	18.00	32.20	43.50
50P	15.00	46.53	18.00	41.10	52.60
68P	17.00	57.90	18.00	52.50	63.80

Ordering Information

FHC XX - M3M6 X X - 0 X
1 2 3 4

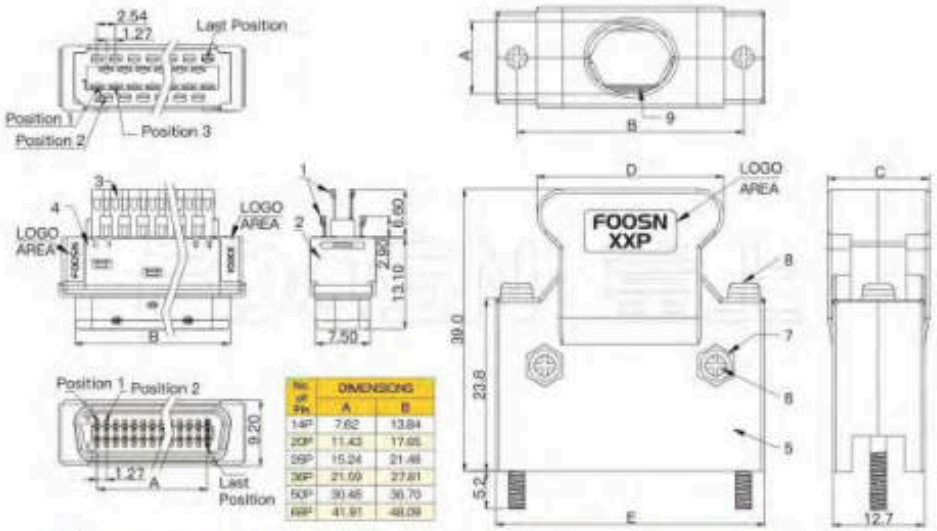
1. No. of contacts: 14=14Pin 20=20Pin 26=26Pin 36=36Pin 50=50Pin 68=68Pin 2. Shell Plating: 1=Ni plated 2=Gold plated
3. Contact Finishes: 1=Gold Flash 2=5U" Gold 3=15U" Gold 6=30U" Gold 4. Logo Option: 0=No Logo 1=With FOOSN Logo

SCSI MDR-14~68P Solder Type Screw Lock



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	1.0A
2	VOLTAGE RATING	30V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	500MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC
6	OPERATION TEMPERATURE	-55°C ~ +105°C



No. of Pin	DIMENSIONS A	B
14P	7.62	13.84
20P	11.43	17.65
26P	15.24	21.46
36P	21.59	27.81
50P	30.48	36.70
68P	41.91	48.09

P/N:

ITEM	PART NAME	MATERIALS	FINISHES
1	TERMINAL	PHOSPHOR BRONZE	GOLD or TIN
2	HOUSING	PBT	BLACK
3	COVER	PBT	BLACK
4	SHELL	SPCC	NICKEL
5	HOOD	ABS	BLACK
6	SHORT SCREW	SPCC	NICKEL
7	NUT	SPCC	NICKEL
8	KEY	SUS+ABS	/
9	CLAMP	SPCC	NICKEL or Sn

P/N:

No. of Pin	DIMENSIONS A	B	C	D	E
14P	7.00	23.58	12.70	18.20	29.50
20P	10.00	27.40	14.00	22.00	33.40
26P	10.00	31.30	14.00	25.80	37.20
36P	14.00	37.61	18.00	32.20	43.50
50P	15.00	46.53	18.00	41.10	52.60
68P	17.00	57.90	18.00	52.50	63.80

Ordering Information

FHC XX - M3M2 X X - 0 X
1 2 3 4

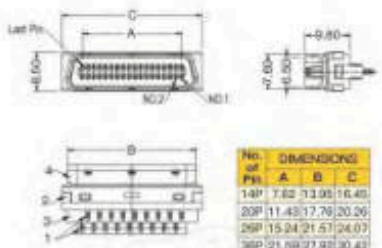
1. No. of contacts: 14=14Pin 20=20Pin 26=26Pin 36=36Pin 50=50Pin 68=68Pin 2. Shell Plating: 1=Ni plated 2=Gold plated
3. Contact Finishes: 1=Gold Flash 2=5U" Gold 3=15U" Gold 6=30U" Gold 4. Logo Option: 0=No Logo 1=With FOOSN Logo

SCSI MDR-14~50P Male Solder Type Hook Lock

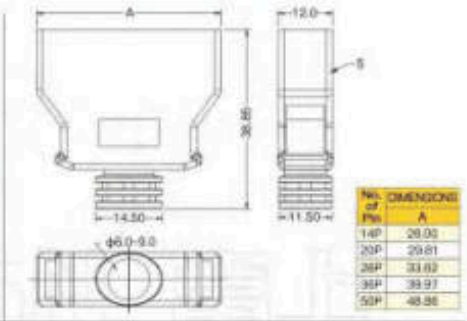


ELECTRICAL CHARACTERISTICS

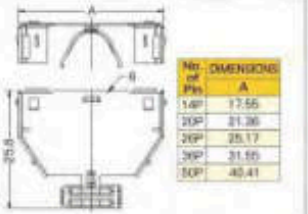
1	CURRENT RATING	1.0A
2	CONTACT RESISTANCE	35mΩ
3	INSULATION RESISTANCE	500MΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
5	OPERATION TEMPERATURE	-55°C ~ +85°C



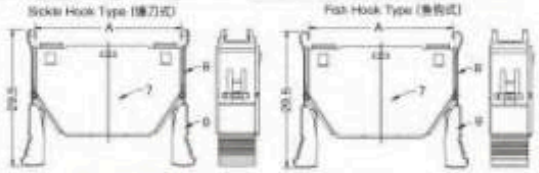
No. of Pin	DIMENSIONS A	B	C
14P	7.62	13.95	16.45
20P	11.43	17.76	20.26
26P	15.24	21.57	24.07
36P	21.59	27.92	30.42
50P	30.48	36.81	39.31



No. of Pin	DIMENSIONS A
14P	28.00
20P	29.81
26P	33.62
36P	39.97
50P	48.86



No. of Pin	DIMENSIONS A
14P	17.55
20P	21.36
26P	25.17
36P	31.55
50P	40.41



No.of Pin	14P	20P	26P	36P	50P
DIMENSIONS: A	17.05	20.87	24.68	31.03	39.92

ITEM	PART NAME	MATERIALS	FINISHES
1	TERMINAL	PHOSPHOR BRONZE	GOLD or TIN
2	HOUSING	PBT	BLACK
3	COVER	PBT	BLACK
4	SHELL	SPCC	NICKEL or GOLD
5	HOOD	ABS/PBT	BLACK/GRAY

ITEM	PART NAME	MATERIALS	FINISHES
6	LOWER SHELL	SPCC	NICKEL
7	TOP SHELL	SPCC	NICKEL
8	SPRING	STEEL	/
9	KEY	ABS/PBT	BLACK/GRAY

Ordering Information

FHC XX(1) - M80 X(2) X(3) X(4) - XX(5) X(6)

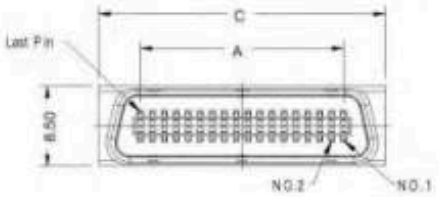
1. No. of contacts: 14=14Pin 20=20Pin 26=26Pin 36=36Pin 50=50Pin
2. Plastic Shell colors & resin: 2=Black, ABS 3=Gray, ABS 4=Black, PBT 3=Gray, PBT
3. Shell Plated: 1=Ni plated 2=Gold plated 4. Contact Finishes: 1=Gold Flash 2=5U" Gold 3=15U" Gold 6=30U" Gold
5. Hood OD code: 60=Ø6.0 65=Ø6.5 70=Ø7.0 75=Ø7.5 80=Ø8.0 85=Ø8.5 90=Ø9.0
6. Hook type: Blank=Sickle type F=Fish hook type

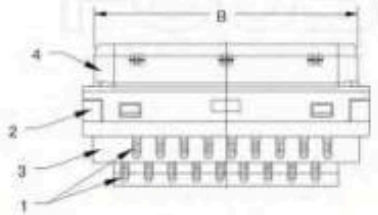
SCSI MDR-14~50P Male Body Solder Type



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	1.0A
2	CONTACT RESISTANCE	35mΩ
3	INSULATION RESISTANCE	500MΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
5	OPERATION TEMPERATURE	-55°C ~ +85°C





No. of Pin	DIMENSIONS A	B	C
14P	7.62	13.95	16.45
20P	11.43	17.76	20.26
26P	15.24	21.57	24.07
36P	21.59	27.92	30.42
50P	30.48	36.81	39.31

ITEM	PART NAME	MATERIALS	FINISHES
1	TERMINAL	PHOSPHOR BRONZE	GOLD or TIN
2	HOUSING	PBT	BLACK
3	COVER	PBT	BLACK
4	SHELL	SPCC	NICKEL or GOLD

Ordering Information

FHC XX(1) - M40 X(2) X(3) - 03

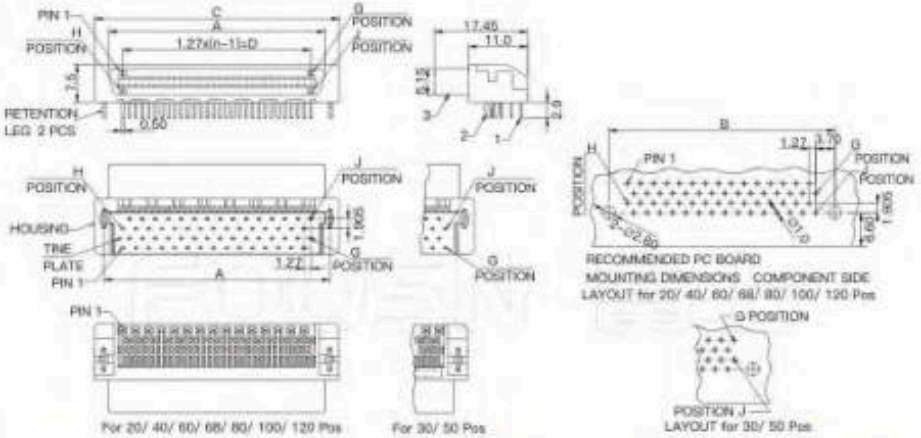
1. No. of contacts: 14=14Pin 20=20Pin 26=26Pin 36=36Pin 50=50Pin
2. Shell Plated: 1=Ni plated 2=Gold plated
3. Contact Finishes: 1=Gold Flash 2=5U" Gold 3=15U" Gold 6=30U" Gold

SCSI 20-120P Plastic Type Female 90° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	1.0A
2	CONTACT RESISTANCE	35mΩ
3	INSULATION RESISTANCE	500MΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
5	OPERATION TEMPERATURE	-40°C ~ +105°C



No. of Pin	DIMENSIONS						
	A	B	C	D	G	H	J
20P	16.97	18.83	22.63	11.43	10	11	20
30P	23.32	25.18	28.98	17.76	15	16	30
40P	29.67	31.53	35.33	24.13	20	21	40
50P	36.02	37.88	41.68	30.48	25	26	50
60P	42.37	44.23	48.03	36.83	30	31	60

No. of Pin	DIMENSIONS						
	A	B	C	D	G	H	J
68P	47.45	49.31	53.11	41.91	34	35	68
80P	55.07	56.93	60.73	49.53	40	41	80
100P	67.77	69.63	73.43	62.23	50	51	100
120P	80.47	82.33	86.13	74.93	60	61	120

ITEM	PART NAME	MATERIALS	FINISHES
1	TERMINAL	PHOSPHOR BRONZE	GOLD or Sn
2	HARPOON	COPPER ALLOY	NICKEL or Sn
3	HOUSING	PBT	BLACK

Ordering Information

FHC XXX - F9AP XX - 01
1 2

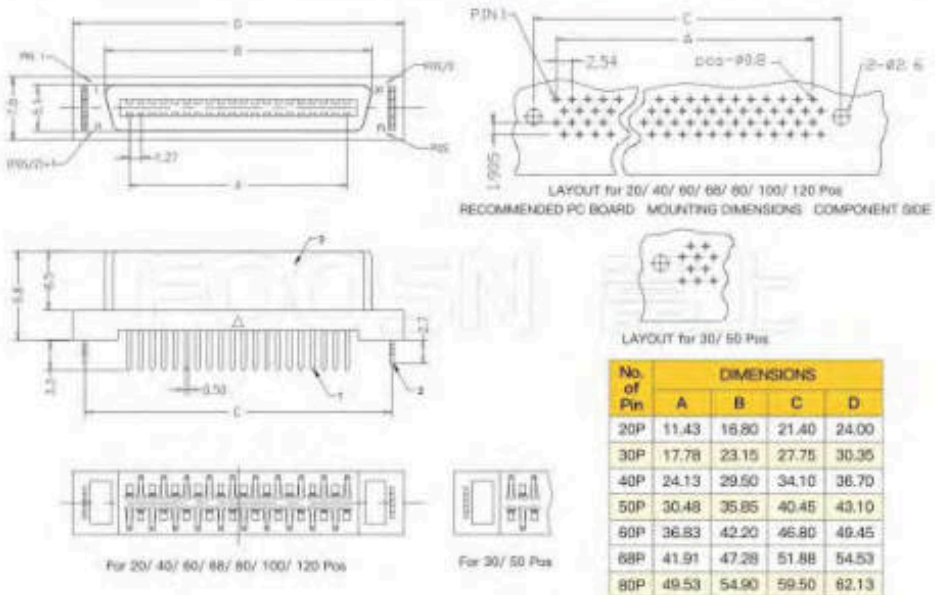
1. No. of contacts: 020=20Pin 030=30Pin 040=40Pin 050=50Pin 060=60Pin 068=68Pin 080=80Pin 100=100Pin 120=120Pin
2. Contact Finishes: 01=Gold Flash 03=3U" Gold 05=5U" Gold 10=10U" Gold 15=15U" Gold 30=30U" Gold

SCSI 20-120P Plastic Type Female 180° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	1.0A
2	CONTACT RESISTANCE	35mΩ
3	INSULATION RESISTANCE	500MΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
5	OPERATION TEMPERATURE	-40°C ~ +105°C



No. of Pin	DIMENSIONS			
	A	B	C	D
20P	11.43	16.80	21.40	24.00
30P	17.78	23.15	27.75	30.35
40P	24.13	29.50	34.10	36.70
50P	30.48	35.85	40.45	43.10
60P	36.83	42.20	46.80	49.45
68P	41.91	47.28	51.88	54.53
80P	49.53	54.90	59.50	62.13
100P	62.23	67.60	72.20	74.85
120P	74.93	80.30	84.90	87.55

ITEM	PART NAME	MATERIALS	FINISHES
1	TERMINAL	PHOSPHOR BRONZE	GOLD or Sn
2	HARPOON	COPPER ALLOY	NICKEL or Sn
3	HOUSING	PBT	BLACK

Ordering Information

FHC XXX - F1AP XX - 25
1 2

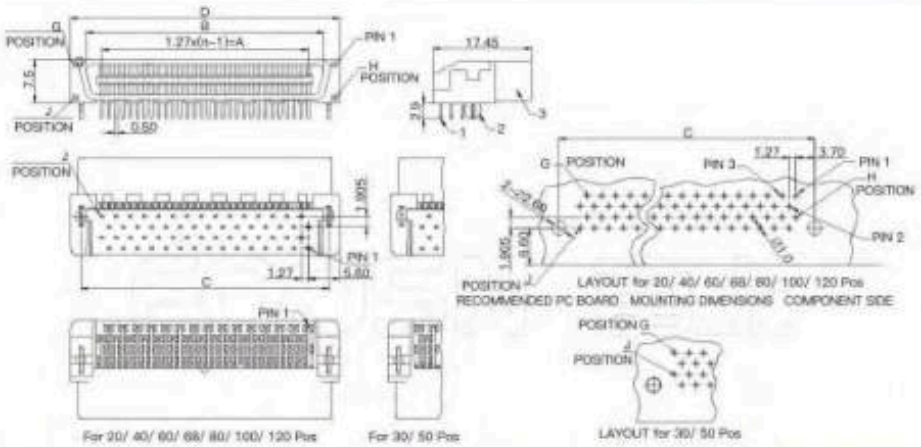
1. No. of contacts: 020=20Pin 030=30Pin 040=40Pin 050=50Pin 060=60Pin 068=68Pin 080=80Pin 100=100Pin 120=120Pin
2. Contact Finishes: 01=Gold Flash 03=3U" Gold 05=5U" Gold 10=10U" Gold 15=15U" Gold 30=30U" Gold

SCSI 20-120P Plastic Type Male 90° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	1.0A
2	CONTACT RESISTANCE	35mΩ
3	INSULATION RESISTANCE	500MΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
5	OPERATION TEMPERATURE	-40°C ~ +105°C



No. of Pin	DIMENSIONS						
	A	B	C	D	G	H	J
20P	11.43	17.51	18.83	22.60	10	11	20
30P	17.78	23.86	25.18	28.95	15	16	30
40P	24.13	30.21	31.53	35.3	20	21	40
50P	30.48	36.56	37.88	41.65	25	26	50
60P	36.83	42.91	44.23	48	30	31	60

No. of Pin	DIMENSIONS						
	A	B	C	D	G	H	J
68P	41.91	47.99	49.31	53.08	34	35	68
80P	49.53	55.61	56.93	60.7	40	41	80
100P	62.23	68.31	69.63	73.4	50	51	100
120P	74.93	81.01	82.33	86.1	60	61	120

ITEM	PART NAME	MATERIALS	FINISHES
1	TERMINAL	PHOSPHOR BRONZE	GOLD or Sn
2	HARPOON	COPPER ALLOY	NICKEL or Sn
3	HOUSING	PBT	BLACK

Ordering Information

FHC XXX - M9AP XX - 01
1 2

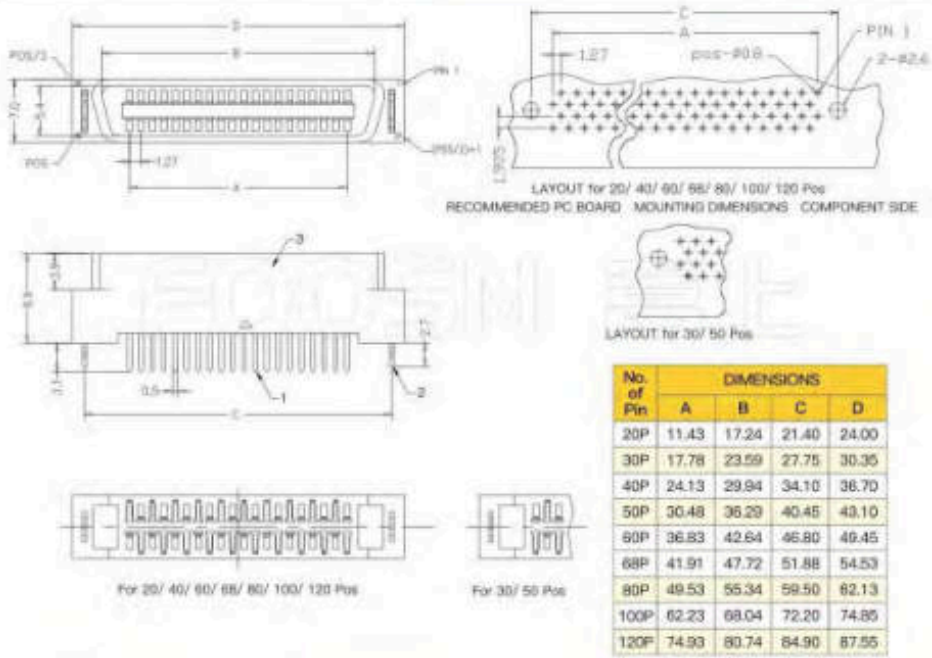
1. No. of contacts: 020=20Pin 030=30Pin 040=40Pin 050=50Pin 060=60Pin 068=68Pin 080=80Pin 100=100Pin 120=120Pin
2. Contact Finishes: 01=Gold Flash 03=3U" Gold 05=5U" Gold 10=10U" Gold 15=15U" Gold 30=30U" Gold

SCSI 20-120P Plastic Type Male 180° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	1.0A
2	CONTACT RESISTANCE	35mΩ
3	INSULATION RESISTANCE	500MΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
5	OPERATION TEMPERATURE	-40°C ~ +105°C



No. of Pin	DIMENSIONS			
	A	B	C	D
20P	11.43	17.24	21.40	24.00
30P	17.78	23.59	27.75	30.35
40P	24.13	29.94	34.10	36.70
50P	30.48	36.29	40.45	43.10
60P	36.83	42.64	46.80	49.45
68P	41.91	47.72	51.88	54.53
80P	49.53	55.34	59.50	62.13
100P	62.23	68.04	72.20	74.85
120P	74.93	80.74	84.90	87.55

ITEM	PART NAME	MATERIALS	FINISHES
1	TERMINAL	PHOSPHOR BRONZE	GOLD or Sn
2	HARPOON	COPPER ALLOY	NICKEL or Sn
3	HOUSING	PBT	BLACK

Ordering Information

FHC XXX - M1AP XX - 25
1 2

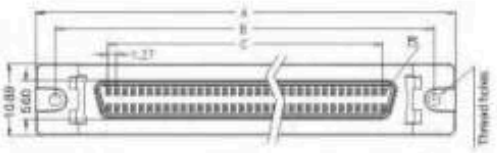
1. No. of contacts: 020=20Pin 030=30Pin 040=40Pin 050=50Pin 060=60Pin 068=68Pin 080=80Pin 100=100Pin 120=120Pin
2. Contact Finishes: 01=Gold Flash 03=3U" Gold 05=5U" Gold 10=10U" Gold 15=15U" Gold 30=30U" Gold

SCSI DB-xxxP Female 180°DIP Connector

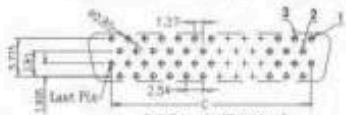


ELECTRICAL CHARACTERISTICS

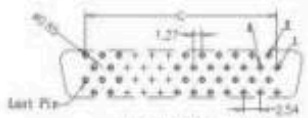
1	CURRENT RATING	1.0A
2	VOLTAGE RATING	30V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	500MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
6	OPERATION TEMPERATURE	-40°C ~ +105°C



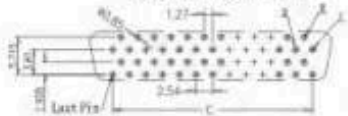
No. of Pin	DIMENSIONS				
	A	B	C	D	E
20P	33.50	27.32	11.43	20.52	15.30
26P	37.31	31.13	15.24	24.33	19.11
40P	46.20	40.02	24.13	33.22	28.00
50P	52.55	46.37	30.48	39.57	34.35
68P	64.00	57.77	41.91	51.00	45.78
100P	84.30	78.12	62.23	71.32	66.10



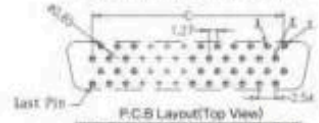
P.C.B Layout(Top View)
(26,50Pin) R1 Type / 正脚位



P.C.B Layout(Top View)
(20,40,68,100Pin) R1 Type / 正脚位



P.C.B Layout(Top View)
(26,50Pin) R2 Type 6 / 反脚位



P.C.B Layout(Top View)
(20,40,68,100Pin) R2 Type / 反脚位

ITEM	PART NAME	MATERIALS	FINISHES
1	SHELL	ZINC ALLOY	NICKEL
2	HOUSING	PBT	BLACK
3	TERMINAL	PHOSPHOR BRONZE	GOLD ON CONTACT AREA,TIN ON SOLDER AREA

Ordering Information

FDB XXX - F181 XX - R1
1 2 3

1. No. of contacts: 20=20Pin 26=26Pin 40=40Pin 50=50Pin 68=68Pin 100=100Pin
2. Contact Finishes: 01=Gold Flash 03=3U" Gold 05=5U" Gold 10=10U" Gold 15=15U" Gold 30=30U" Gold
3. Pin Type: R1=R1 Type(Normal) R2=R2 Type

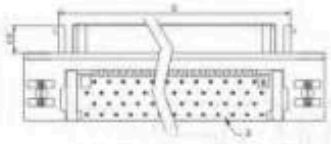
SCSI DB-xxxP Female 90°DIP Connector

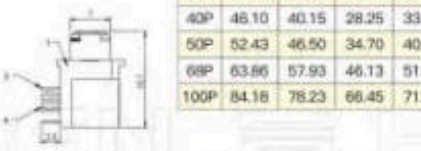


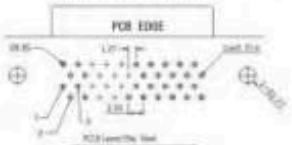
ELECTRICAL CHARACTERISTICS

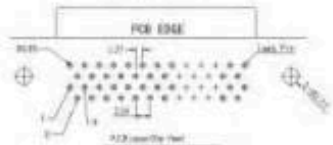
1	CURRENT RATING	1.0A
2	VOLTAGE RATING	30V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	500MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
6	OPERATION TEMPERATURE	-40°C ~ +105°C











No. of Pin	DIMENSIONS					
	A	B	C	D	E	F
20P	33.50	27.60	15.64	20.80	27.60	11.43
26P	37.19	31.26	19.45	24.65	31.26	15.24
40P	46.10	40.15	28.25	33.70	40.15	24.13
50P	52.43	46.50	34.70	40.30	46.50	30.48
68P	63.86	57.93	46.13	51.32	57.93	41.91
100P	84.16	78.23	66.45	71.50	78.23	62.23

ITEM	PART NAME	MATERIALS	FINISHES
1	SHELL	ZINC ALLOY	NICKEL
2	HOUSING	PBT	BLACK
3	TERMINAL	PHOSPHOR BRONZE	GOLD ON CONTACT AREA,TIN ON SOLDER AREA
4	HARPOON	COPPER ALLOY	NICKEL

Ordering Information

FDB XXX - F923 XX - R1
1 2 3

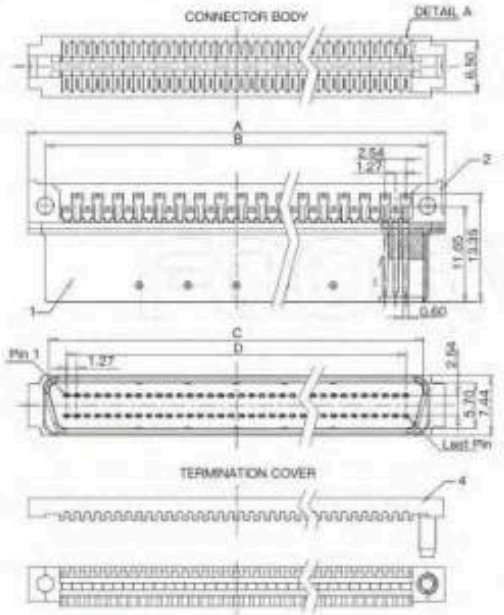
1. No. of contacts: 20=20Pin 26=26Pin 40=40Pin 50=50Pin 68=68Pin 100=100Pin
2. Contact Finishes: 01=Gold Flash 03=3U" Gold 05=5U" Gold 10=10U" Gold 15=15U" Gold 30=30U" Gold
3. Pin Type: R1=R1 Type(Normal) R2=R2 Type

SCSI DB-xxxP Male IDC Type Connector

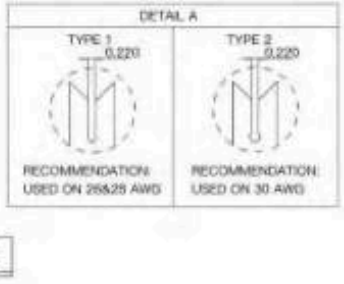


ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	1.0A
2	VOLTAGE RATING	30V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	500MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
6	OPERATION TEMPERATURE	-65°C ~ +85°C



No. of Pin	DIMENSIONS			
	A	B	C	D
14P	14.71	10.42	9.45	7.62
20P	18.52	14.23	13.26	11.43
26P	22.33	18.04	17.07	15.24
36P	28.66	24.39	23.42	21.59
50P	40.11	35.82	34.85	30.48
68P	51.54	47.25	46.28	41.91
100P	71.86	67.57	66.6	62.23



ITEM	PART NAME	MATERIALS	FINISHES
1	SHELL	SPCC	NICKEL
2	HOUSING	PBT	BLACK
3	TERMINAL	PHOSPHOR BRONZE	GOLD ON CONTACT AREA,TIN ON SOLDER AREA
4	COVER	LCP	BLACK

Ordering Information

FHD XXX - M932 XX - XX
1 2 3

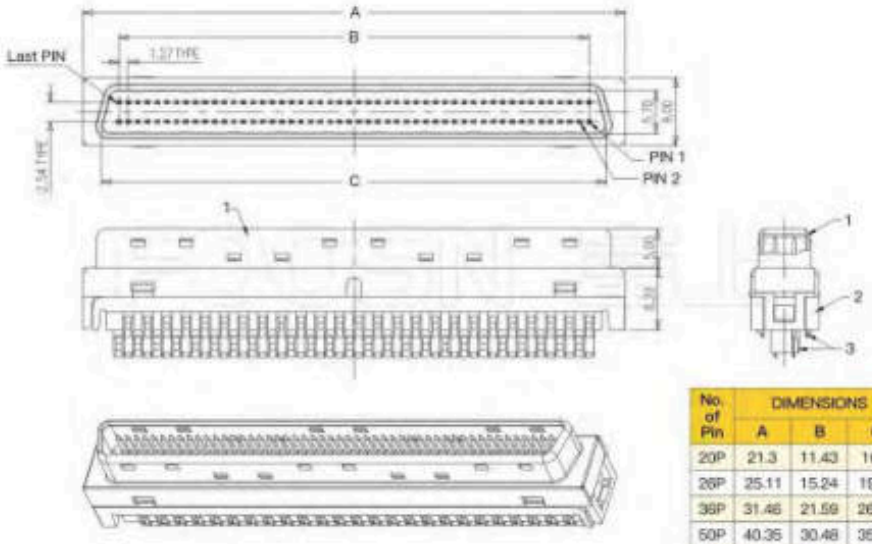
1. No. of contacts: 14=14Pin 20=20Pin 26=26Pin 36=36Pin 50=50Pin 68=68Pin 100=100Pin
2. Contact Finishes: 01=Gold Flash 03=3U" Gold 05=5U" Gold 10=10U" Gold 15=15U" Gold 30=30U" Gold
3. Line Diameter: 00=Type 1 01=Type 2

SCSI DB-xxxP Male Solder Type



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	1.0A
2	CONTACT RESISTANCE	35mΩ
3	INSULATION RESISTANCE	500MΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
5	OPERATION TEMPERATURE	-40°C ~ +85°C



No. of Pin	DIMENSIONS		
	A	B	C
20P	21.3	11.43	16.0
26P	25.11	15.24	19.81
36P	31.46	21.59	26.16
50P	40.35	30.48	35.05
68P	51.78	41.91	46.48
100P	72.10	62.23	66.8

ITEM	PART NAME	MATERIALS	FINISHES
1	SHELL	SPCC	NICKEL
2	HOUSING	PBT	BLACK
3	TERMINAL	PHOSPHOR BRONZE	GOLD ON CONTACT AREA,TIN ON SOLDER AREA

Ordering Information

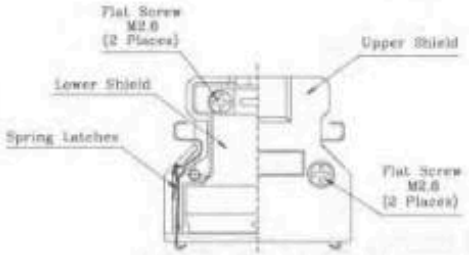
FHD XXX - M9210 XX - 00
1 2

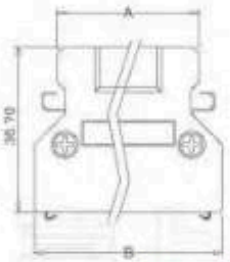
1. No. of contacts: 20=20Pin 26=26Pin 40=40Pin 50=50Pin 68=68Pin 100=100Pin
2. Contact Finishes: 01=Gold Flash 03=3U" Gold 05=5U" Gold 10=10U" Gold 15=15U" Gold 30=30U" Gold

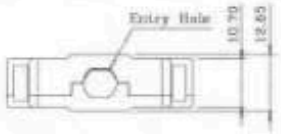
SCSI xxP Zinc Alloy Shell Hook Lock



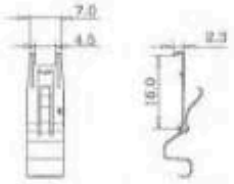
ITEM	PART NAME	MATERIALS	FINISHES
1	SHELL	ZINC ALLOY	NICKEL
2	SPRING LATCH	STAINLESS STEEL	/
3	FLAT SCREW	STEEL	NICKEL
4	CABLE CLIPPER	STEEL	NICKEL



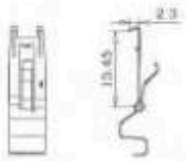








Hook: DB Type



Hook: CN Type

No. of Pin	DIMENSIONS	
	A	B
20P	23.60	31.60
26P	25.10	35.10
36P	31.50	41.50
40P	34.15	44.15
50P	40.50	50.50
68P	51.30	61.20
100P	71.60	81.60

Ordering Information

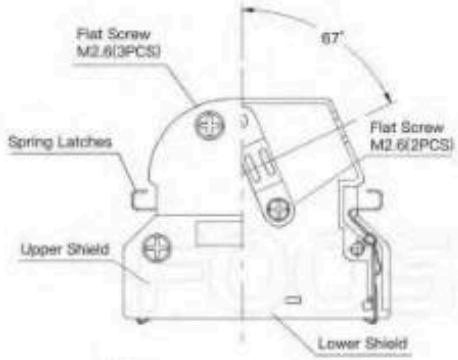
FK XXX - 025 XX - XX
1 2 3

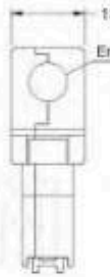
1. No. of contacts: 20=20Pin 26=26Pin 36=36Pin 50=50Pin 68=68Pin 100=100Pin
2. Hook Option: 01=DB Type 02=CN Type
3. Entry Hole: 50=Ø5.0 60=Ø6.0 75=Ø7.5 80=Ø8.0 90=Ø9.0 11=Ø11.0

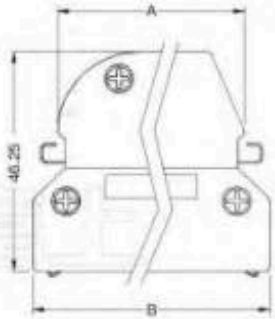
SCSI xxP Zinc Alloy Shell Hook Lock



ITEM	PART NAME	MATERIALS	FINISHES
1	SHELL	ZINC ALLOY	NICKEL
2	SPRING LATCH	STAINLESS STEEL	/
3	FLAT SCREW	STEEL	NICKEL
4	CABLE CLIPPER	STEEL	NICKEL

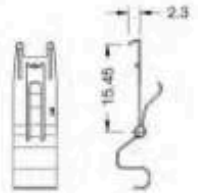








Hook:DB Type



Hook:CN Type





No. of Pin	DIMENSIONS			
	A	B	C	D
26P	28.20	35.40	48.90	13.20
36P	31.60	41.50	46.20	13.00
50P	40.50	50.50	46.25	13.30
68P	52.15	61.30	46.30	15.60
100P	71.50	82.00	40.90	15.90

Ordering Information

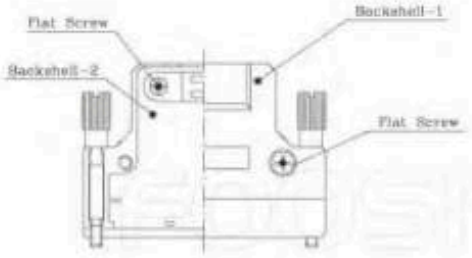
FK XXX - 067 XX - XX
1 2 3

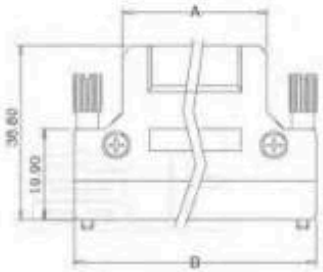
1. No. of contacts: 20=20Pin 26=26Pin 36=36Pin 50=50Pin 68=68Pin 100=100Pin
2. Kook Option: 01=DB Type 02=CN Type
3. Entry Hole: 50=Ø5.0 60=Ø6.0 75=Ø7.5 80=Ø8.0 90=Ø9.0 11=Ø11.0

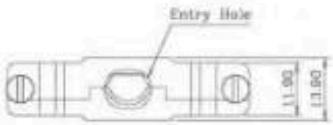
SCSI xxP Zinc Alloy Shell Screw Lock

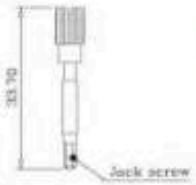


ITEM	PART NAME	MATERIALS	FINISHES
1	SHELL	ZINC ALLOY	NICKEL
2	JACK SCREW	STEEL	NICKEL
3	FLAT SCREW	STEEL	NICKEL
4	CABLE CLIPPER	STEEL	NICKEL











No. of Pin	DIMENSIONS A	B
40P	24.90	48.60
50P	31.80	53.30
68P	42.50	63.90
100P	42.70	84.20

Ordering Information

FK XXX – 115 XX – XX
1 2 3

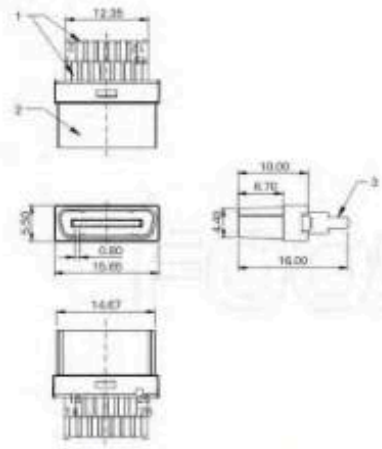
1. No. of contacts: 40=40Pin 50=50Pin 68=68Pin 100=100Pin
2. Jack Screw Option: 01=M2.5 02=M2.6 03=#2-56 04=#4-40
3. Entry Hole: 50=Ø5.0 60=Ø6.0 75=Ø7.5 80=Ø8.0 90=Ø9.0 11=Ø11.0

0.8mm Picth 26P (SDR) Male Solder Type



ELECTRICAL CHARACTERISTICS:

1	CURRENT RATING:	0.5A
2	VOLTAGE RATING:	30V AC
3	CONTACT RESISTANCE:	35mΩ
4	INSULATION RESISTANCE:	500MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE:	500V AC/60S
6	OPERATION TEMPERATURE:	-55°C~+75°C



Part:	Main Body
P/N:	FSDR26-MB1XX-01

Part2:	Zinc Shell
P/N:	FSDR26-M81XX-68

ITEM	PART NAME	MATERIALS	FINISHES
1	TERMINAL	COPPER ALLOY	GOLD ON CONTACT AREA, TIN ON SOLDER AREA
2	SHELL	ZINC ALLOY	NICKEL
3	INSULATOR	LCP	BLACK, UL94-V0
4	OUTER SHELL	ZINC ALLOY	NICKEL
5	SCREW	STEEL	NICKEL

Ordering Information

FSDR26 – M81 XX – 00
1 2

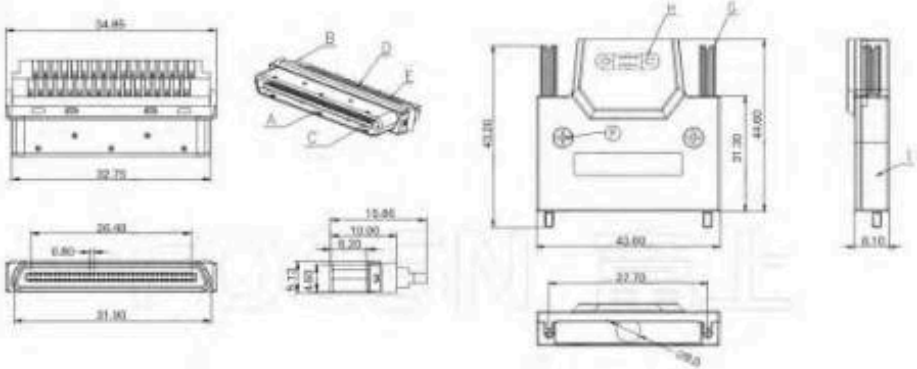
1. Contact Finishes: 00=Gold Flash 03=3U"Gold 30=30U"Gold 2. Type: 00=Part1+Part2

0.8mm Picth 68P (VHDCI) Male Solder Type



ELECTRICAL CHARACTERISTICS:

1	CURRENT RATING:	0.5 AMP
2	VOLTAGE RATING	30V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	500MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
6	OPERATION TEMPERATURE	-55°C~+75°C



Part:	Main Body
P/N:	FVH68-M10215-00

Part2:	Zinc Shell
P/N:	FVH68-M7003-90

NO.	MATERIAL	QTY.	MATERLAL	PLATING & COLOR
A	INSULATOR	1	PBT+30%GF UL94-V0	BLACK
B	COVER	1	LCP+15%GF UL94-V0	BLACK
C	SHELL	1	SPCC T=0.30mm	Ni 80u"
D	SHORT CONTACT	34	C2680-EH T=0.30mm	AU 3-30U"ON CONTACT AREA, 100U"TIN PLATING ON SOLDER TAILS, 80U"ALL OVER NICKEL PLATING!
E	LONG CONTACT	34		
F	FLAT SOREW	4	SPCC	Ni 80u"
G	FLAT SOREW	6	SPCC	Ni 80u"
H	CABLE CLIPPER	1	SPCC T=0.80mm	Ni 80u"
I	SHOELD	2	Zinc alloy	Ni 80u"

Ordering Information

FVH68 - M700 XX - 00
(XX: 1, 00: 2)

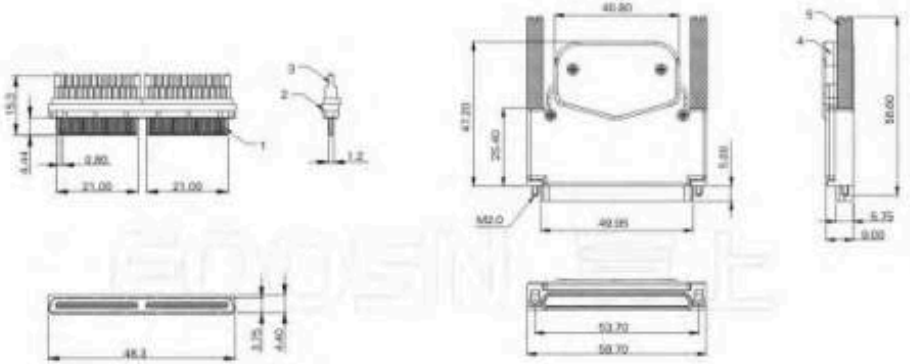
1. Contact Finishes: 00=Gold Flash 03=3U" Gold 05=5U" Gold 10=10U" Gold 15=15U" Gold 30=30U" Gold
2. Type: 00=Part1+Part2

0.8mm Picth 100P (VHDCI) Male Solder Type



ELECTRICAL CHARACTERISTICS:

1	CURRENT RATING:	0.5 AMP
2	VOLTAGE RATING	30V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	500MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
6	OPERATION TEMPERATURE	-55°C~+75°C



Part:	Main Body
P/N:	FVH100-M802XX-11

Part2:	Zinc Shell
P/N:	FVH100-M80205-12

ITEM	DESC	MATERIAL	REMAKS
1	TERMINAL	COPPER ALLOY	SOLDER AREA:Sn CONTACT AREA:Au
2	INSULATOR	LCP	BLACK,UL94-V0
3	SHELL	SPCC	NICKEL
4	OUTER SHELL	ZINC ALLOY	NICKEL
5	SCREW	STEEL	NICKEL

Ordering Information

FVH100-M802 XX - 01
(XX: 1, 01: 2)

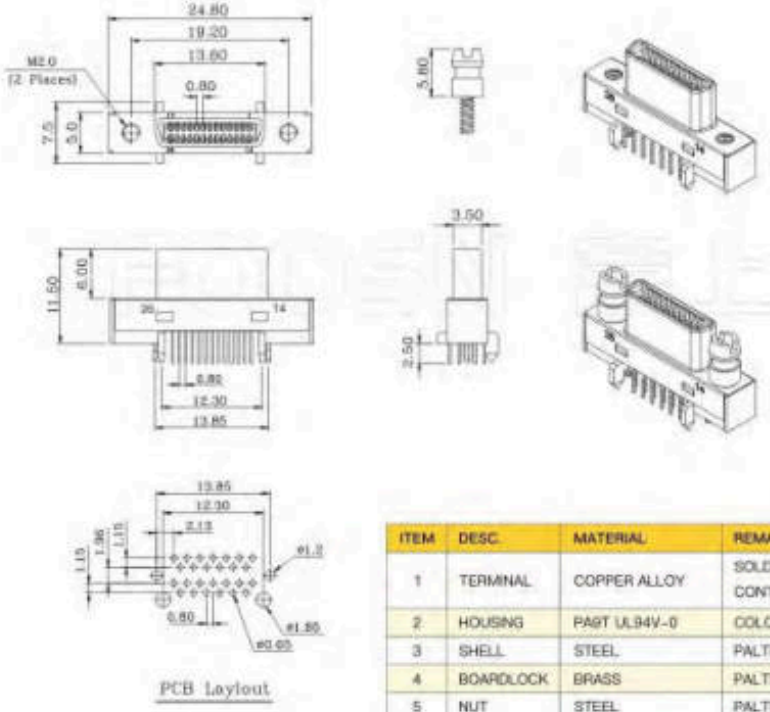
1. Contact Finishes: 00=Gold Flash 03=3U"Gold 05=5U"Gold 30=30U"Gold
2. Type: 01=Part1+Part2

0.8mm Picth 26P (SDR) Female 180° DIP Type



ELECTRICAL CHARACTERISTICS:

1	CURRENT RATING:	0.5 AMP
2	INSULATION RESISTANCE:	500MΩ MIN
3	CONTACT RESISTANCE:	35mΩ MAX
4	DIELECTRIC WITHSTANDING VOLTAGE:	250V AC
5	TEMPERATURE RANGE:	-55°C ~+125°C



ITEM	DESC.	MATERIAL	REMAKS
1	TERMINAL	COPPER ALLOY	SOLDER AREA:Sn CONTACT AREA:Au
2	HOUSING	PA9T UL94V-0	COLOR:BLACK
3	SHELL	STEEL	PALTING:Ni
4	BOARDLOCK	BRASS	PALTING:Sn
5	NUT	STEEL	PALTING:Ni
6	SCREWS NUT	COPPER	PALTING:Ni

Ordering Information

FSDR 26 – F180 XX – 01
(1) (2)

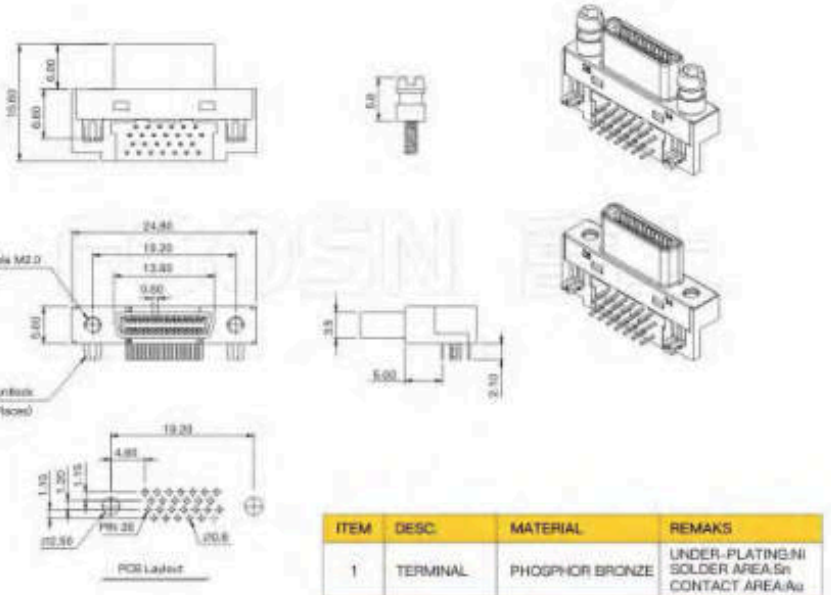
1. No. of Contacts: 26=26P
2. Contact Finishes: 01=Gold Flash 03=3U" Gold 05=5U" Gold 10=10U" Gold 15=15U" Gold 30=30U" Gold

0.8mm Picth 26P (SDR) Female 90° DIP Type



ELECTRICAL CHARACTERISTICS:

1	CURRENT RATING:	0.5 AMP
2	INSULATION RESISTANCE:	500MΩ MIN
3	CONTACT RESISTANCE:	35mΩ MAX
4	DIELECTRIC WITHSTANDING VOLTAGE:	250V AC
5	TEMPERATURE RANGE:	-55°C ~+125°C



ITEM	DESC.	MATERIAL	REMAKS
1	TERMINAL	PHOSPHOR BRONZE	UNDER-PLATING:NI SOLDER AREA:Sn CONTACT AREA:Au
2	SHELL	SPCC	PLATING:NI
3	HOUSING	PA9T+33%GF	COLOR:BLACK
4	COVER	PA9T+33%GF	COLOR:BLACK
5	BOARD LOCK	COPPER ALLOY	PLATING:NI
6	NUT	COPPER ALLOY	PLATING:NI

Ordering Information

FSDR 26 – F900 XX – 02
(1) (2)

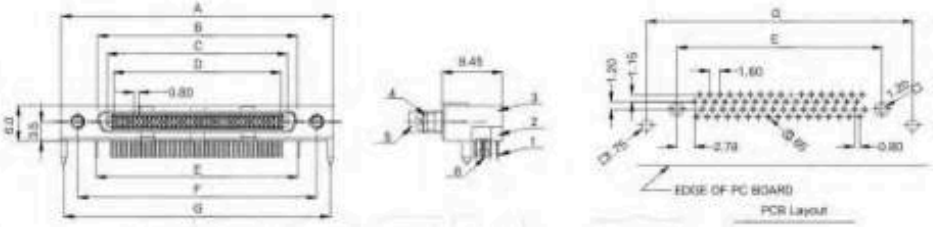
1. No. of Contacts: 26=26P
2. Contact Finishes: 01=Gold Flash 03=3U" Gold 05=5U" Gold 10=10U" Gold 15=15U" Gold 30=30U" Gold

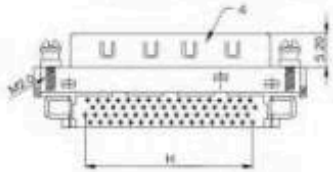
0.8mm Picth 36/50/68P (VHDCI) Female 90° DIP Type



ELECTRICAL CHARACTERISTICS:

1	CURRENT RATING:	0.5 AMP
2	VOLTAGE RATING	30V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	500MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
6	OPERATION TEMPERATURE	-55°C~+105°C





ITEM	PART NAME	MATERIALS	FINISHES
1	TERMINAL	COPPER ALLOY	GOLD ON CONTACT AREA, TIN ON SOLDER AREA
2	COVER	PBT	BLACK, UL94-V0
3	HOUSING	PA66	BLACK, UL94-V0
4	SCREW	COPPER ALLOY	NICKEL
5	SHELL	ZINC ALLOY	NICKEL
6	BOARD LOCK	COPPER ALLOY	NICKEL

No.of	DIMENSIONS										
Pin	A	B	C	D	E	F	G	H	J	L	M
36	29.90	18.85	15.50	18	19.55	24.90	29.10	27.15	21.00	16.601	12.80
50	35.50	24.45	21.10	25	25.15	30.50	34.70	32.75	26.60	22.20	19.20
68	42.70	31.65	28.30	34	32.35	37.70	41.90	39.95	33.80	29.40	25.60

Ordering Information

FVH XX – F90 2 XX – 01
(1) (2) (3)

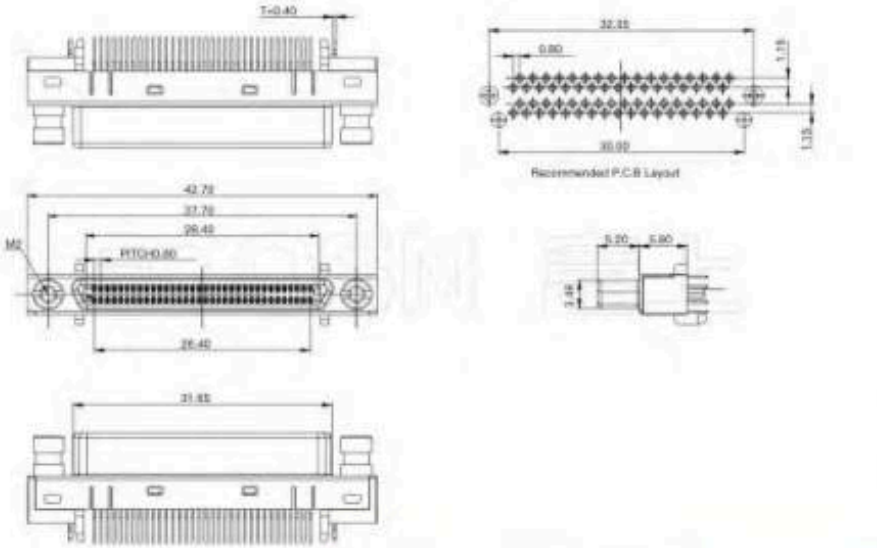
1. No. of Contacts: 36=36P 50=50P 68=68P
2. Threaded Finish: 2=M2.0
3. Contact Finishes: 01=Gold Flash 03=3U" Gold 05=5U" Gold 10=10U" Gold 15=15U" Gold 30=30U" Gold

0.8mm Picth 68P (VHDCI) Female 180° DIP Type



ELECTRICAL CHARACTERISTICS:

1	CURRENT RATING:	0.5 AMP
2	INSULATION RESISTANCE:	500MΩ MIN
3	CONTACT RESISTANCE:	35mΩ MAX
4	DIELECTRIC WITHSTANDING VOLTAGE:	250V AC
5	TEMPERATURE RANGE:	-55°C ~ + 105°C



ITEM	DESC.	MATERIAL	REMAKS
1	TERMINAL	COPPER ALLOY	SOLDER AREA:PLATED TIN CONTACT AREA:PLATED G/F
2	SHELL	SPCC	PLATING:Ni
3	HOUSING	LCP+30%G.F.	COLOR:BLACK
4	SCREWS	COPPER ALLOY	PLATED Ni
5	BOARD LOCK	COPPER ALLOY	PLATED Ni

Ordering Information

FVH 68 – F18 2 XX – 02
(1) (2) (3)

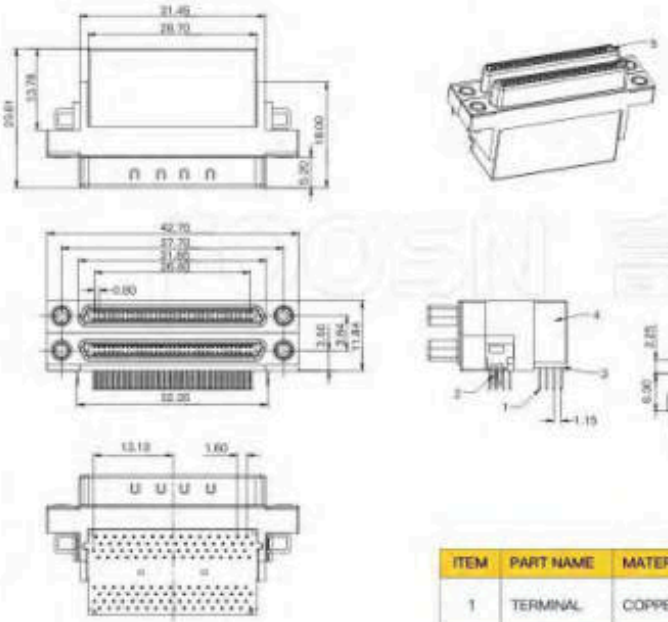
1. No. of Contacts: 68=68P
2. Threaded Finish: 2=M2.0
3. Contact Finishes: 01=Gold Flash 03=3U" Gold 05=5U" Gold 10=10U" Gold 15=15U" Gold 30=30U" Gold

0.8mm Picth 68P (VHDCI) Double Female 90° DIP Type



ELECTRICAL CHARACTERISTICS:

1	CURRENT RATING:	0.5 AMP
2	VOLTAGE RATING	30V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	500MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
6	OPERATION TEMPERATURE	-55°C~+105°C



ITEM	PART NAME	MATERIALS	FINISHES
1	TERMINAL	COPPER ALLOY	GOLD ON CONTACT AREA, TIN ON SOLDER AREA
2	BOARD LOCK	COPPER ALLOY	NICKEL
3	COVER	PBT	BLACK, UL94-V0
4	SHELL	SPCC	NICKEL
5	HOUSING	PA66	BLACK,UL94-V0

Ordering Information

FVH 68 – F90 X XX – 21
1 2 3

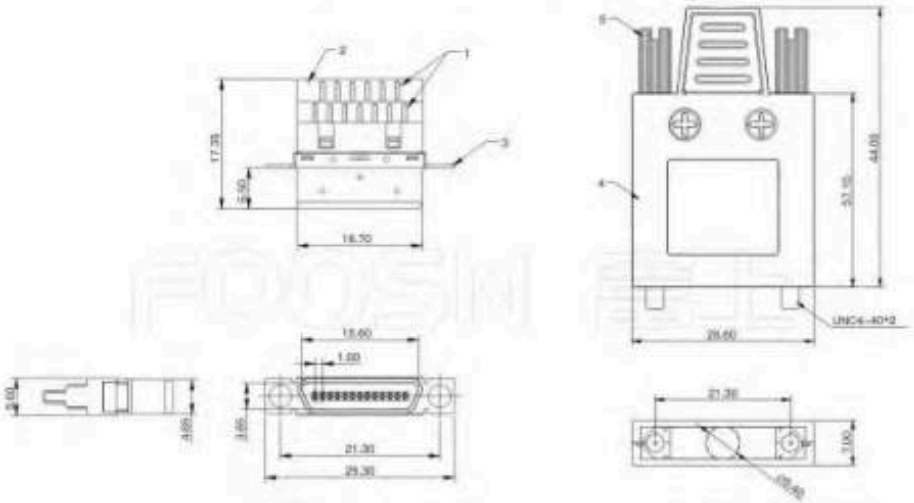
1. Pin No: 68=68P 2. Threaded: 2=M2.0
3. Contact Finishes: 01=Gold Flash 03=3U" Gold 05=5U" Gold 10=10U" Gold 15=15U" Gold 30=30U" Gold

1.0mm Picth 26P Male Solder Type



ELECTRICAL CHARACTERISTICS:

1	CURRENT RATING:	1.0 AMP
2	VOLTAGE RATING	30V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	500MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
6	OPERATION TEMPERATURE	-55°C~+105°C



Part:	Main Body
P/N:	FV26-M01XX1-01

Part2:	Zinc Shell
P/N:	FV26-M0100-54

ITEM	DESC.	MATERIAL	REMAKS
1	TERMINAL	COPPER ALLOY	SOLDER AREA:Sn CONTACT AREA:Au
2	INSULATOR	LCP	BLACK, UL94-V0
3	SHELL	SPCC	NICKEL
4	OUTER SHELL	ZINC ALLOY	NICKEL
5	SCREW	STEEL	NICKEL

Ordering Information

FV26-M01 XX 1- 00
1 2

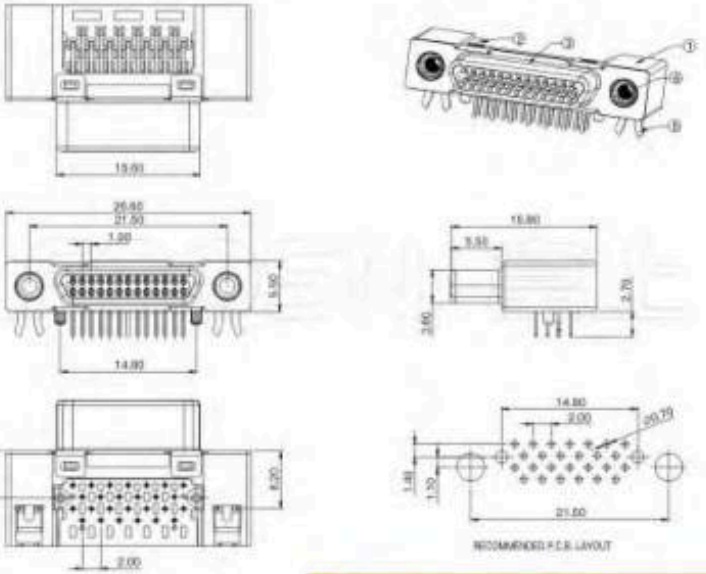
1. Contact Finishes: 00=Gold Flash 03=3U"Gold 05=5U"Gold 10=10U"Gold 15=15U"Gold 30=30U"Gold
2. Type: 00=Part1+Part2

1.0mm Picth 26P Female 90° DIP Type



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING:	1.0 AMP
2	DIELECTRIC WITHSTANDING VOLTAGE:	AC 1000V MIN.
3	INSULATION RESISTANCE:	1000 MΩ MIN. AT 500V DC FOR 1 MINUTE.
4	CONTACT RESISTANCE:	30mΩ MAX.
5	OPERATING TEMPERATURE:	-55℃+105℃.



ITEM	NAME	MATERIAL	Q'TY
1	HOUSING	LCP UL 94V-0, WHITE	1
2	COVER	LCP UL 94V-0, WHITE	1
3	SHELL	SPCC-3, Ni/Cu 5um min/2um min	1
4	CONTACT	C5191R, Ni(50u"), SN(100u"), Au(G/F")	26
5	FORK	C2680R, Ni(50u"), SN(100u')	2
6	NUT	H62, Ni(50u")	2

Ordering Information

FV 26 – F01 X 1 – 01

1 2

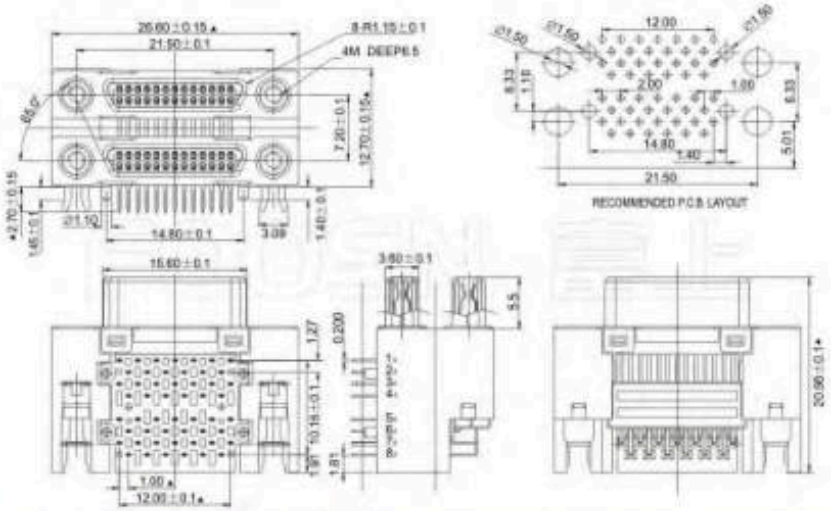
1. No. of Contacts: 26=26P
2.Contact Finishes: 1=Gold Flash 3=3U"Gold 5=5U"Gold 6=10U"Gold 7=15U"Gold 8=30U"Gold

1.0mm VHDCI 26P Female Double 90° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	1.0 AMP
2	INSULATION RESISTANCE	500MΩ/MIN
3	WITHSTANDING VOLTAGE	250V AC/MIN
4	CONTACT RESISTANCE	30MΩ/MAX
5	TEMPERATURE RANGE	-55℃ - +105℃



ITEM	DESC.	MATERIAL	REMAKS
1	TERMINAL	PHOSPHOR BRONZE	CONTACT AREA: Au 5u" SOLDER AREA: Sn UNDER-PLATING: Ni
2	SHELL	SPCC	PLATING: Ni
3	HOUSING	PBT+30%GF	COLOR: BEIGE
4	COVER	PBT+30%GF	COLOR: BEIGE
5	BRACKET	SPCC	PLATING: Ni
6	BOARDLOCK	COPPER ALLOY	PLATING: Tin

Ordering Information

FV26- F90 XX - 20

1

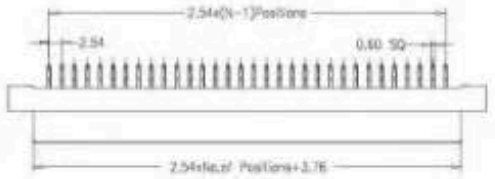
1.Contact Finishes: 01=1u"Gold 5=5u" Gold 15=15u"Gold

DIN41612 2xNPins Female 180° DIP

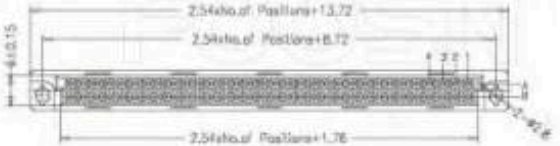


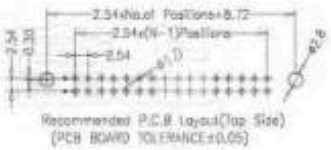
ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	CONTACT RESISTANCE	30mΩ
3	INSULATION RESISTANCE	1000mΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	1000V AC/60S
5	OPERATION TEMPERATURE	-55℃ ~ +105℃

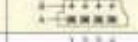








Dimension antitheses list			
ITEM	A		
Standard	3.80	13.0	17.0
Alternate			

Rows with Contacts	Contact Arrange
A B	
A-	
A B	
A-	

Ordering Information

FD2 XX – F18 X X X – 38
1 2 3 4 5

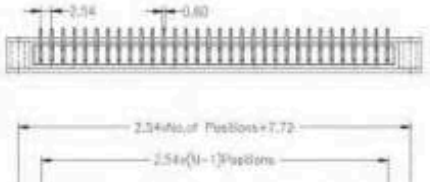
1. No. ofcontacts:	2. Pitch:	3. Row With Contacts:	4. Contact Finishes:	5. Solder Length A:
10=2x5Pins 16=2x8Pins	2=2.54 Pitch	2=A+B Rows	1=Gold Flash 3=3U" Gold	38=3.8mm
20=2x10Pins 32=2x16Pins	5=5.08 Pitch	4=A Row	5=5U" Gold 6=15U" Gold	130=13.0mm
48=2x24Pins 64=2x32Pins			7=30U" Gold	170=17.0mm

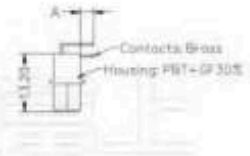
DIN41612 2xNPins Female 90° DIP

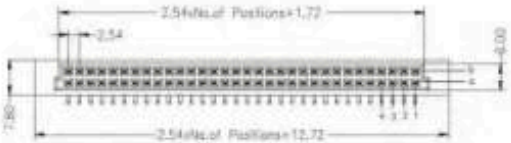


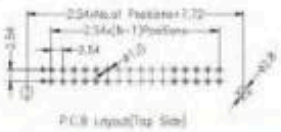
ELECTRICAL CHARACTERISTICS

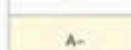
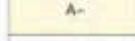
1	CURRENT RATING	3.0A
2	CONTACT RESISTANCE	30mΩ
3	INSULATION RESISTANCE	1000mΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	1000V AC/60S
5	OPERATION TEMPERATURE	-55℃ ~ +105℃









Rows with Contacts	Contact Arrange
A B	
A-	
A B	
A-	

Ordering Information

FD2 XX – F90 X X X – 29
1 2 3 4 5

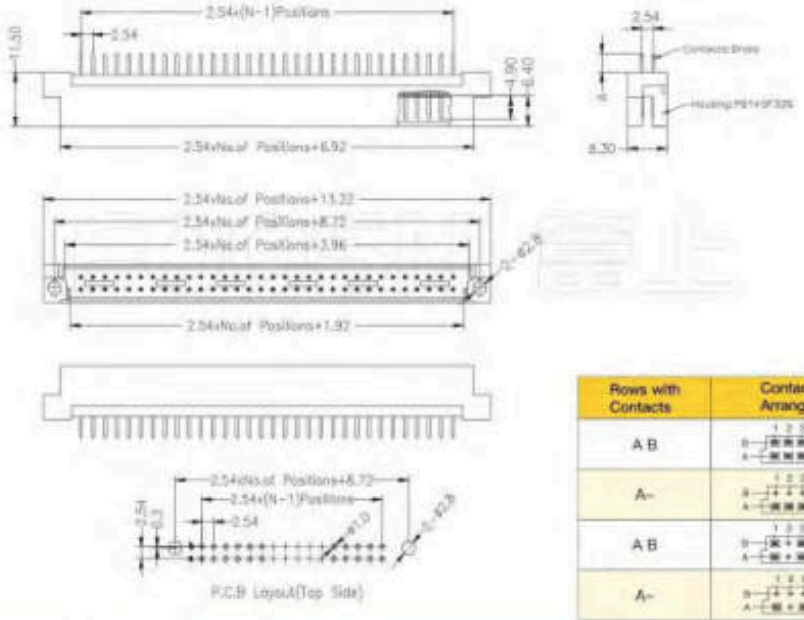
1. No. ofcontacts:	2. Pitch:	3. Row With Contacts:	4. Contact Finishes:	5. Solder Length A:
10=2x5Pins 16=2x8Pins	2=2.54 Pitch	2=A+B Rows	1=Gold Flash 3=3U" Gold	29=2.9mm
20=2x10Pins 32=2x16Pins	5=5.08 Pitch	4=A Row	5=5U" Gold 6=15U" Gold	32=3.2mm
48=2x24Pins 64=2x32Pins			7=30U" Gold	

DIN41612 2xNPins Male 180° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	CONTACT RESISTANCE	30mΩ
3	INSULATION RESISTANCE	1000mΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	1000V AC/60S
5	OPERATION TEMPERATURE	-55℃ ~ +105℃



Rows with Contacts	Contact Arrange
A B	
A-	
A B	
A-	

Ordering Information

FD2 XX – M18 X X X – 40
1 2 3 4 5

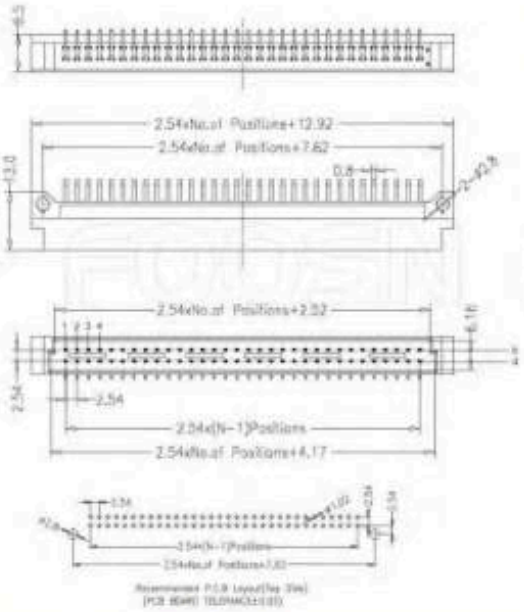
1. No. ofcontacts:	2. Pitch:	3. Row With Contacts:	4. Contact Finishes:	5. Solder Length A:
10=2x5Pins 16=2x8Pins	2=2.54 Pitch	2=A+B Rows	1=Gold Flash 3=3U" Gold	40=4.0mm
20=2x10Pins 32=2x16Pins	5=5.08 Pitch	4=A Row	5=5U" Gold 6=15U" Gold	
48=2x24Pins 64=2x32Pins			7=30U" Gold	

DIN41612 2xNPins Male 90° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	CONTACT RESISTANCE	30mΩ
3	INSULATION RESISTANCE	1000mΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	1000V AC/60S
5	OPERATION TEMPERATURE	-55℃ ~ +105℃



Dimension antitheses list		
ITEM	A	
Standard	2.90	3.20
Alternate		

Rows with Contacts	Contact Arrange
A B	
A-	
A B	
A-	

Ordering Information

FD2 XX – M90 X X X – 29
1 2 3 4 5

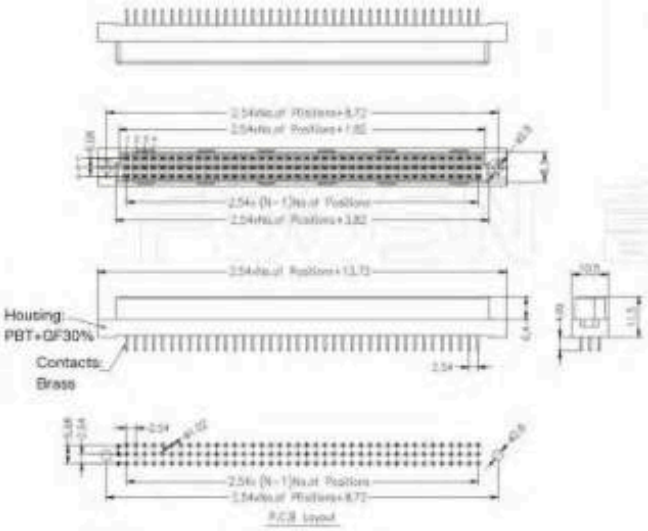
1. No. ofcontacts:	2. Pitch:	3. Row With Contacts:	4. Contact Finishes:	5. Solder Length A:
10=2x5Pins 16=2x8Pins	2=2.54 Pitch	2=A+B Rows	1=Gold Flash 3=3U" Gold	29=2.9mm
20=2x10Pins 32=2x16Pins	5=5.08 Pitch	4=A Row	5=5U" Gold 6=15U" Gold	32=3.2mm
48=2x24Pins 64=2x32Pins			7=30U" Gold	

DIN41612 3xNPins Female 180° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	CONTACT RESISTANCE	30mΩ
3	INSULATION RESISTANCE	1000mΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	1000V AC/60S
5	OPERATION TEMPERATURE	-40°C ~ +105°C



Pitch	Rows with Contacts	Contact Arrange
2.54	A B C	
	A - C	
	A B -	
	A - -	
5.08	A B C	
	A - C	
	A B -	
	A - -	

Ordering Information

FD3 XXX - F18 X X X - 40
1 2 3 4 5

1. No. ofcontacts:
30=3x10Pins
48=3x16Pins
96=3x32Pins
.....
120=3x40Pins

2. Pitch:
2=2.54 Pitch
5=5.08 Pitch

3. Row With Contacts:
1=A+B+C Rows
2=A+B Rows
3=A+C Rows
4=A Row

4. Contact Finishes:
1=Gold Flash 2=2U" Gold
5=5U" Gold 6=15U" Gold
7=30U" Gold

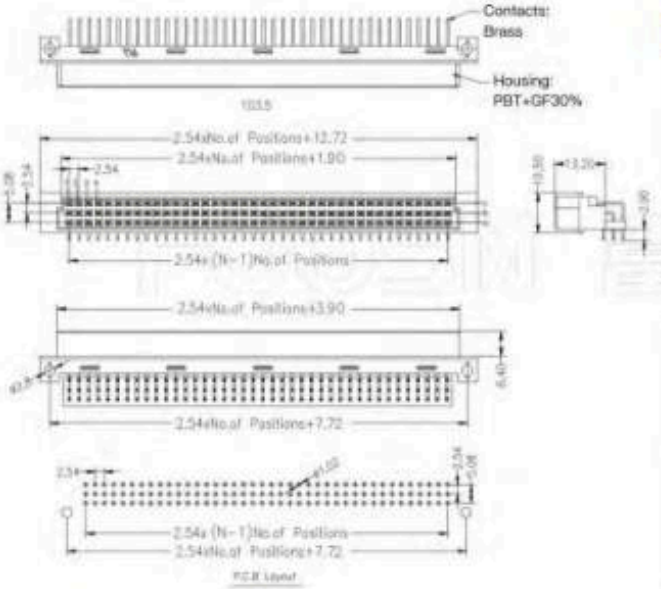
5. Solder Length:
40=4.0mm

DIN41612 3xNPins Female 90° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	CONTACT RESISTANCE	30mΩ
3	INSULATION RESISTANCE	1000mΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	1000V AC/60S
5	OPERATION TEMPERATURE	-40°C ~ +105°C



Pitch	Rows with Contacts	Contact Arrange
2.54	A B C	
	A - C	
	A B -	
	A - -	
5.08	A B C	
	A - C	
	A B -	
	A - -	

Ordering Information

FD3 XXX - F90 X X X - 29
1 2 3 4 5

1. No. ofcontacts:
30=3x10Pins
48=3x16Pins
96=3x32Pins
.....
120=3x40Pins

2. Pitch:
2=2.54 Pitch
5=5.08 Pitch

3. Row With Contacts:
1=A+B+C Rows
2=A+B Rows
3=A+C Rows
4=A Row

4. Contact Finishes:
1=Gold Flash 2=2U" Gold
5=5U" Gold 6=15U" Gold
7=30U" Gold

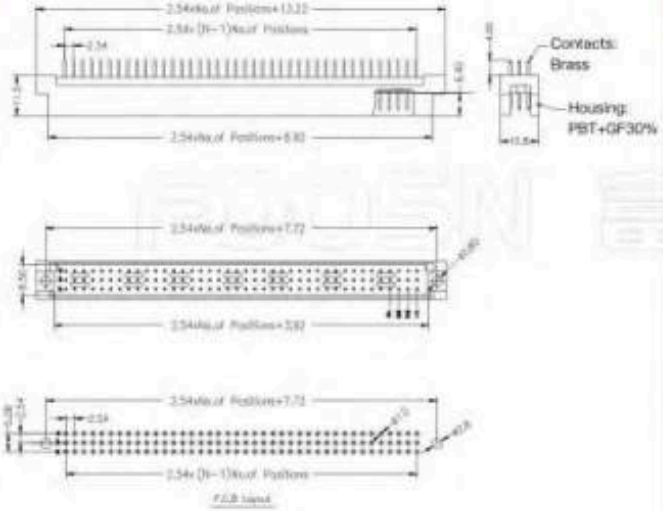
5. Solder Length:
29=2.9mm

DIN41612 3xNPins Male 180° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	CONTACT RESISTANCE	30mΩ
3	INSULATION RESISTANCE	1000mΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	1000V AC/60S
5	OPERATION TEMPERATURE	-40°C ~ +105°C



Pitch	Rows with Contacts	Contact Arrange
2.54	A B C	
	A – C	
	A B –	
	A – –	
5.08	A B C	
	A – C	
	A B –	
	A – –	

Ordering Information

FD3 XXX – M18 X X X – 40
1 2 3 4 5

1. No. ofcontacts:
30=3x10Pins
48=3x16Pins
96=3x32Pins
.....
120=3x40Pins

2. Pitch:
2=2.54 Pitch
5=5.08 Pitch

3. Row With Contacts:
1=A+B+C Rows
2=A+B Rows
3=A+C Rows
4=A Row

4. Contact Finishes:
1=Gold Flash 2=2U" Gold
5=5U" Gold 6=15U" Gold
7=30U" Gold

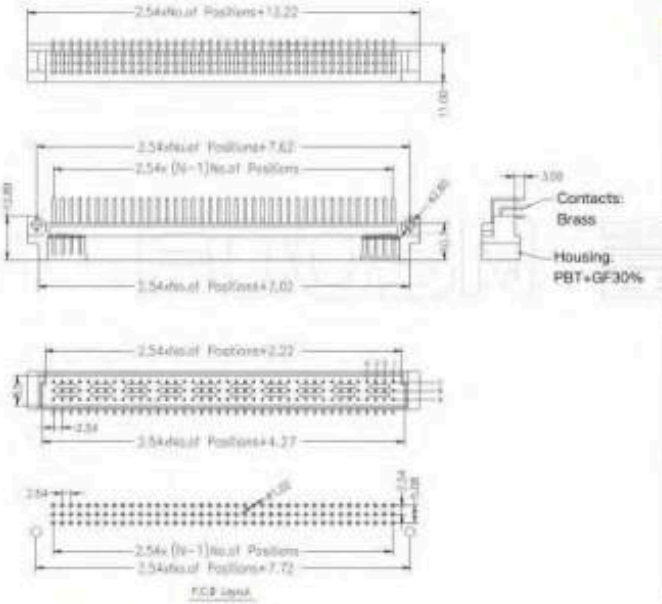
5. Solder Length:
40=4.0mm

DIN41612 3xNPins Male 90° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	CONTACT RESISTANCE	30mΩ
3	INSULATION RESISTANCE	1000mΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	1000V AC/60S
5	OPERATION TEMPERATURE	-40°C ~ +105°C



Pitch	Rows with Contacts	Contact Arrange
2.54	A B C	
	A – C	
	A B –	
	A – –	
5.08	A B C	
	A – C	
	A B –	
	A – –	

Ordering Information

FD3 XXX – M90 X X X – 30
1 2 3 4 5

1. No. ofcontacts:
30=3x10Pins
48=3x16Pins
96=3x32Pins
.....
120=3x40Pins

2. Pitch:
2=2.54 Pitch
5=5.08 Pitch

3. Row With Contacts:
1=A+B+C Rows
2=A+B Rows
3=A+C Rows
4=A Row

4. Contact Finishes:
1=Gold Flash 2=2U" Gold
5=5U" Gold 6=15U" Gold
7=30U" Gold

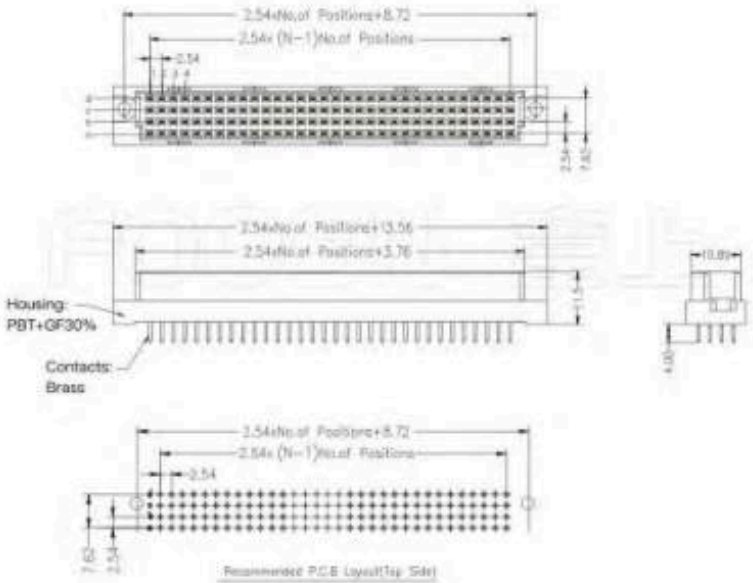
5. Solder Length:
30=3.0mm

DIN41612 4xNPins Female 180° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	CONTACT RESISTANCE	30mΩ
3	INSULATION RESISTANCE	1000mΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	1000V AC/60S
5	OPERATION TEMPERATURE	-40°C ~ +105°C



Ordering Information

FD4 XXX – F18 X X X – 40
1 2 3 4 5

1. No. ofcontacts:
40=4x10Pins
64=4x16Pins
96=4x24Pins
.....
128=4x32Pins

2. Pitch:
2=2.54 Pitch
5=5.08 Pitch

3. Row With Contacts:
1=A+B+C+D ROWS
2=A+B+C Rows
3=A+B ROWS 4=A+C ROWS
5=A+D Rows 6=B+C ROWS
7=B+D Row 8=B+C+D ROWS

4. Contact Finishes:
1=Gold Flash 2=2U" Gold
5=5U" Gold 6=15U" Gold
7=30U" Gold

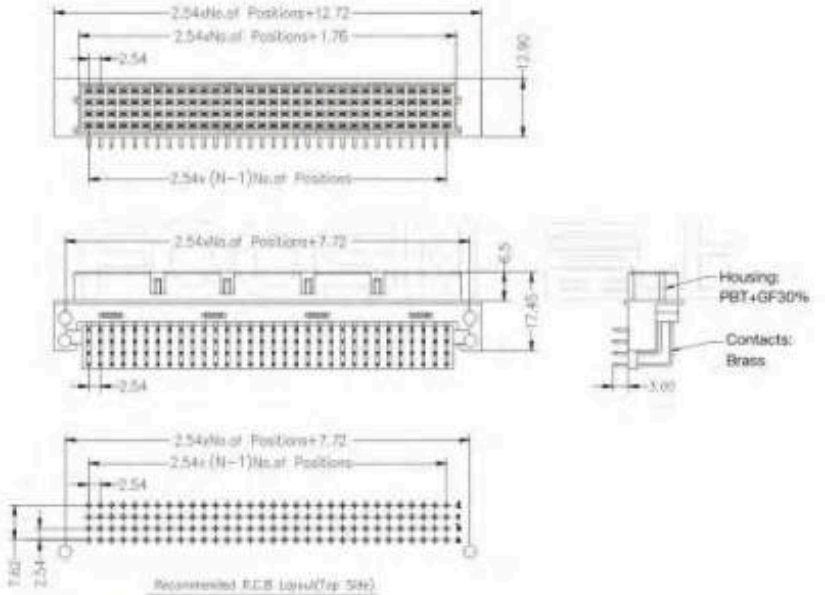
5. Solder Length:
40=4.0mm

DIN41612 4xNPins Female 90° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	CONTACT RESISTANCE	30mΩ
3	INSULATION RESISTANCE	1000mΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	1000V AC/60S
5	OPERATION TEMPERATURE	-40°C ~ +105°C



Ordering Information

FD4 XXX – F90 X X X – 30
1 2 3 4 5

1. No. ofcontacts:
40=4x10Pins
64=4x16Pins
96=4x24Pins
.....
128=4x32Pins

2. Pitch:
2=2.54 Pitch
5=5.08 Pitch

3. Row With Contacts:
1=A+B+C+D ROWS
2=A+B+C Rows
3=A+B ROWS 4=A+C ROWS
5=A+D Rows 6=B+C ROWS
7=B+D Row 8=B+C+D ROWS

4. Contact Finishes:
1=Gold Flash 2=2U" Gold
5=5U" Gold 6=15U" Gold
7=30U" Gold

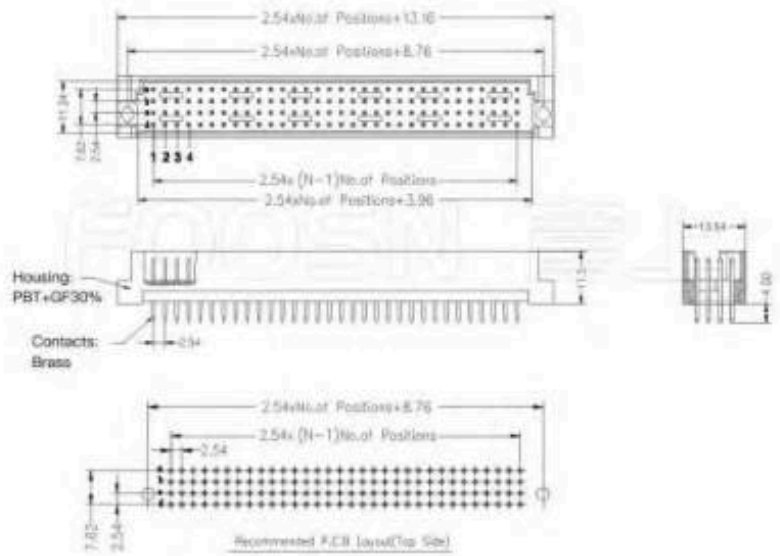
5. Solder Length:
30=3.0mm

DIN41612 4xNPins Male 180° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	CONTACT RESISTANCE	30mΩ
3	INSULATION RESISTANCE	1000mΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	1000V AC/60S
5	OPERATION TEMPERATURE	-40°C ~ +105°C



Ordering Information

FD4 XXX – M18 X X X – 40
1 2 3 4 5

1. No. ofcontacts:
40=4x10Pins
64=4x16Pins
96=4x24Pins
.....
128=4x32Pins

2. Pitch:
2=2.54 Pitch
5=5.08 Pitch

3. Row With Contacts:
1=A+B+C+D ROMS
2=A+B+C Rows
3=A+B ROWS 4=A+C ROMS
5=A+D Rows 6=B+C ROWS
7=B+D Row 8=B+C+D ROMS

4. Contact Finishes:
1=Gold Flash 2=2U" Gold
5=5U" Gold 6=15U" Gold
7=30U" Gold

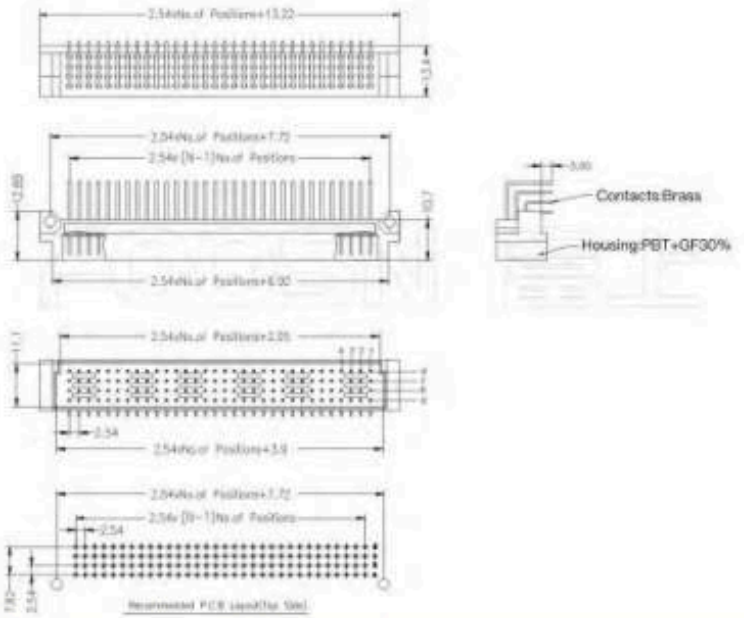
5. Solder Length:
40=4.0mm

DIN41612 4xNPins Male 90° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	CONTACT RESISTANCE	30mΩ
3	INSULATION RESISTANCE	1000mΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	1000V AC/60S
5	OPERATION TEMPERATURE	-40°C ~ +105°C



Ordering Information

FD4 XXX – M90 X X X – 30
1 2 3 4 5

1. No. ofcontacts:
40=4x10Pins
64=4x16Pins
96=4x24Pins
.....
128=4x32Pins

2. Pitch:
2=2.54 Pitch
5=5.08 Pitch

3. Row With Contacts:
1=A+B+C+D ROMS
2=A+B+C Rows
3=A+B ROWS 4=A+C ROMS
5=A+D Rows 6=B+C ROWS
7=B+D Row 8=B+C+D ROMS

4. Contact Finishes:
1=Gold Flash 2=2U" Gold
5=5U" Gold 6=15U" Gold
7=30U" Gold

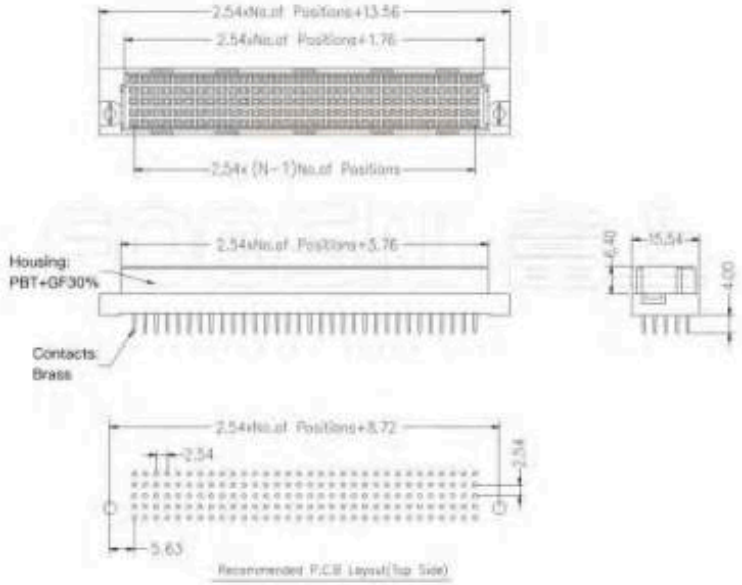
5. Solder Length:
30=3.0mm

DIN41612 5xNPins Female 180° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	CONTACT RESISTANCE	30mΩ
3	INSULATION RESISTANCE	1000mΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	1000V AC/60S
5	OPERATION TEMPERATURE	-40°C ~ +105°C



Ordering Information

FD5 XXX – F18 X X X – 40
1 2 3 4 5

1. No. ofcontacts:
50=5x10Pins
80=5x16Pins
120=5x24Pins
.....
160=5x32Pins

2. Pitch:
2=2.54 Pitch
5=5.08 Pitch

3. Row With Contacts:
1=A+B+C+D+E ROMS
2=A+B+C+D Rows
3=A+B+D+E ROWS
4=A+C+E ROMS
5=A+E Rows
6=B+C+D+E ROWS
7=A+C+D+E Row
8=A+C+D ROMS

4. Contact Finishes:
1=Gold Flash 2=2U" Gold
5=5U" Gold 6=15U" Gold
7=30U" Gold

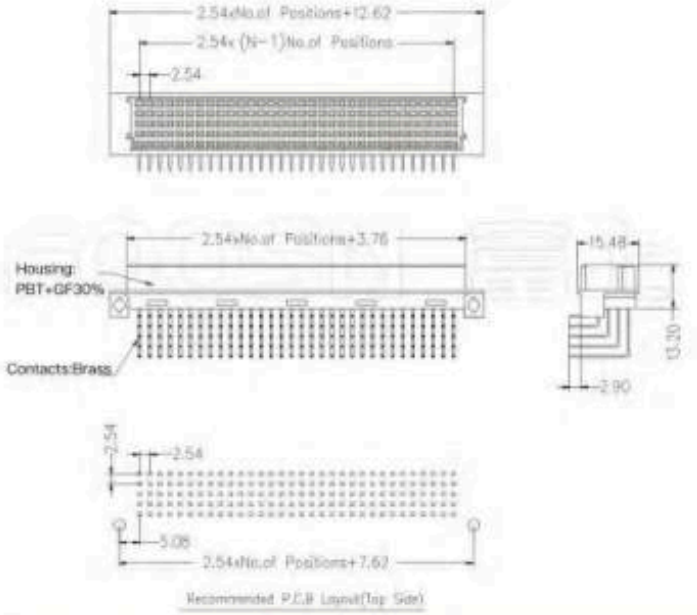
5. Solder Length:
40=4.0mm

DIN41612 5xNPins Female 90° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	CONTACT RESISTANCE	30mΩ
3	INSULATION RESISTANCE	1000mΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	1000V AC/60S
5	OPERATION TEMPERATURE	-40°C ~ +105°C



Ordering Information

FD5 XXX – F90 X X X – 29
1 2 3 4 5

1. No. ofcontacts:
50=5x10Pins
80=5x16Pins
120=5x24Pins
.....
160=5x32Pins

2. Pitch:
2=2.54 Pitch
5=5.08 Pitch

3. Row With Contacts:
1=A+B+C+D+E ROMS
2=A+B+C+D Rows
3=A+B+D+E ROWS
4=A+C+E ROMS
5=A+E Rows
6=B+C+D+E ROWS
7=A+C+D+E Row
8=A+C+D ROMS

4. Contact Finishes:
1=Gold Flash 2=2U" Gold
5=5U" Gold 6=15U" Gold
7=30U" Gold

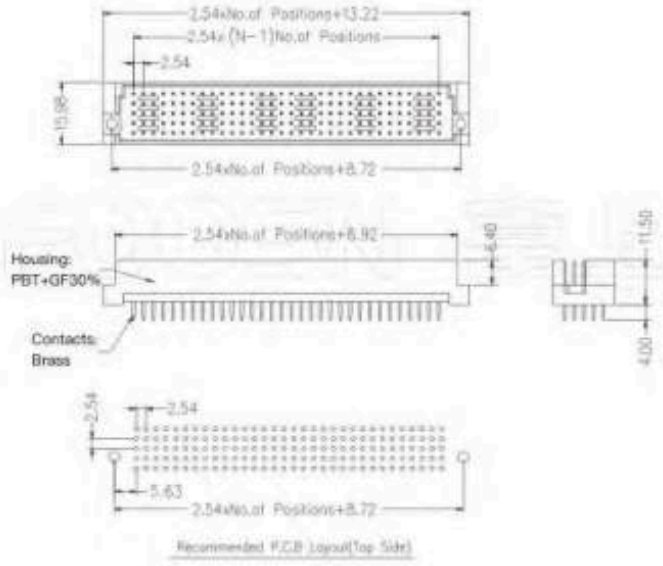
5. Solder Length:
29=2.9mm

DIN41612 5xNPins Male 180° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	CONTACT RESISTANCE	30mΩ
3	INSULATION RESISTANCE	1000mΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	1000V AC/60S
5	OPERATION TEMPERATURE	-40°C ~ +105°C



Ordering Information

FD5 XXX – M18 X X X – 40
1 2 3 4 5

1. No. ofcontacts:
50=5x10Pins
80=5x16Pins
120=5x24Pins
.....
160=5x32Pins

2. Pitch:
2=2.54 Pitch
5=5.08 Pitch

3. Row With Contacts:
1=A+B+C+D+E ROMS
2=A+B+C+D Rows
3=A+B+D+E ROWS
4=A+C+E ROMS
5=A+E Rows
6=B+C+D+E ROWS
7=A+C+D+E Row
8=A+C+D ROMS

4. Contact Finishes:
1=Gold Flash 2=2U" Gold
5=5U" Gold 6=15U" Gold
7=30U" Gold

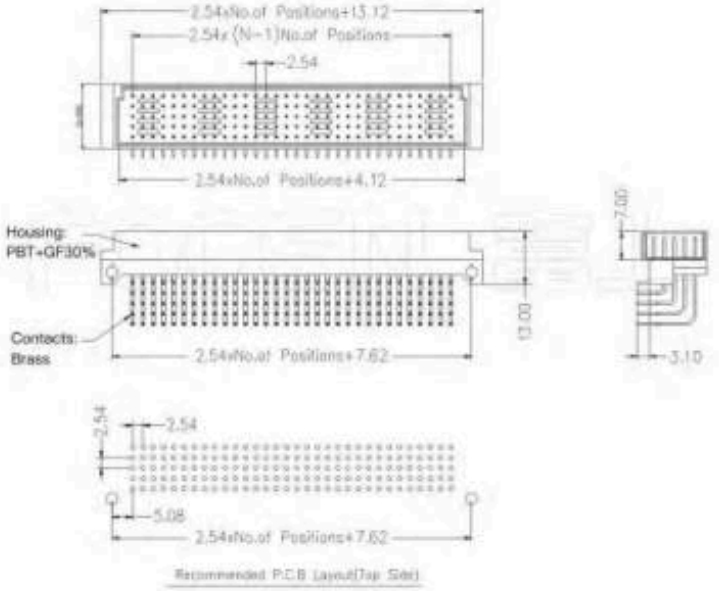
5. Solder Length:
40=4.0mm

DIN41612 5xNPins Male 90° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	CONTACT RESISTANCE	30mΩ
3	INSULATION RESISTANCE	1000mΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	1000V AC/60S
5	OPERATION TEMPERATURE	-40°C ~ +105°C



Ordering Information

FD5 XXX – M90 X X X – 31
1 2 3 4 5

1. No. ofcontacts:
50=5x10Pins
80=5x16Pins
120=5x24Pins
.....
160=5x32Pins

2. Pitch:
2=2.54 Pitch
5=5.08 Pitch

3. Row With Contacts:
1=A+B+C+D+E ROMS
2=A+B+C+D Rows
3=A+B+D+E ROWS
4=A+C+E ROMS
5=A+E Rows
6=B+C+D+E ROWS
7=A+C+D+E Row
8=A+C+D ROMS

4. Contact Finishes:
1=Gold Flash 2=2U" Gold
5=5U" Gold 6=15U" Gold
7=30U" Gold

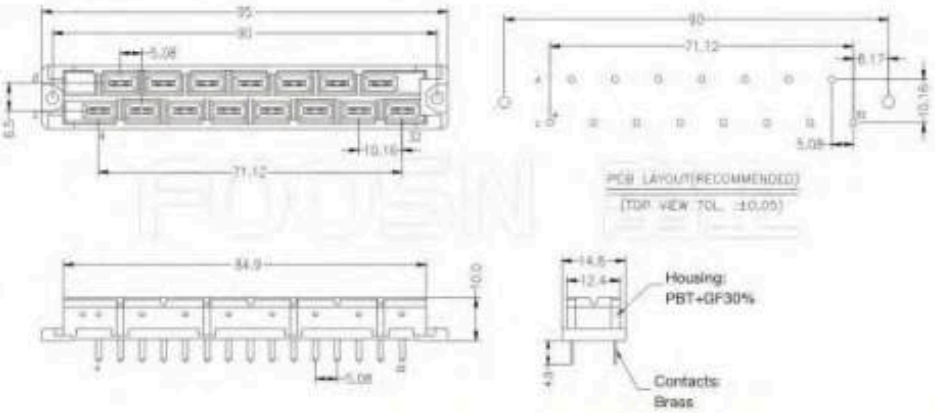
5. Solder Length:
31=3.1mm

DIN41612 H15 Type 15P Female 180° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	15A
2	CONTACT RESISTANCE	80mΩ
3	INSULATION RESISTANCE	1000mΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	3100V AC/60S
5	OPERATION TEMPERATURE	-55°C ~ +105°C



Code	Number of Contacts	Contact	Row with Contacts	Pitch
2	15	d z	d z	5.08

Ordering Information

FDH 15 – F18 5 2 X – 40
(1) (2) (3) (4) (5)

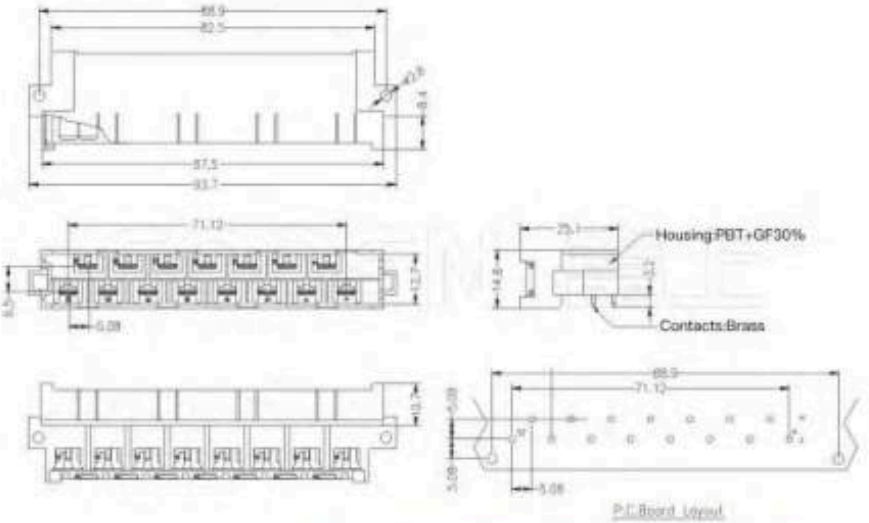
1. No. ofcontacts: 15=15P
2. Pitch: 5=5.08 Pitch
3. Row With Contacts: 2=d+z Rows
4. Contact Finishes: 1=Gold Flash 2=2U" Gold 5=05U" Gold 6=15U" Gold 7=30U" Gold
5. Solder Length: 40=4.0mm

DIN41612 H15 Type 15P Male 90° DIP



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	15A
2	CONTACT RESISTANCE	80mΩ
3	INSULATION RESISTANCE	1000mΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	3100V AC/60S
5	OPERATION TEMPERATURE	-55°C ~ +105°C



Code	Number of Contacts	Contact	Row with Contacts	Pitch
2	15	d z	d z	5.08

Ordering Information

FDH 15 – M90 5 2 X – 32
(1) (2) (3) (4) (5)

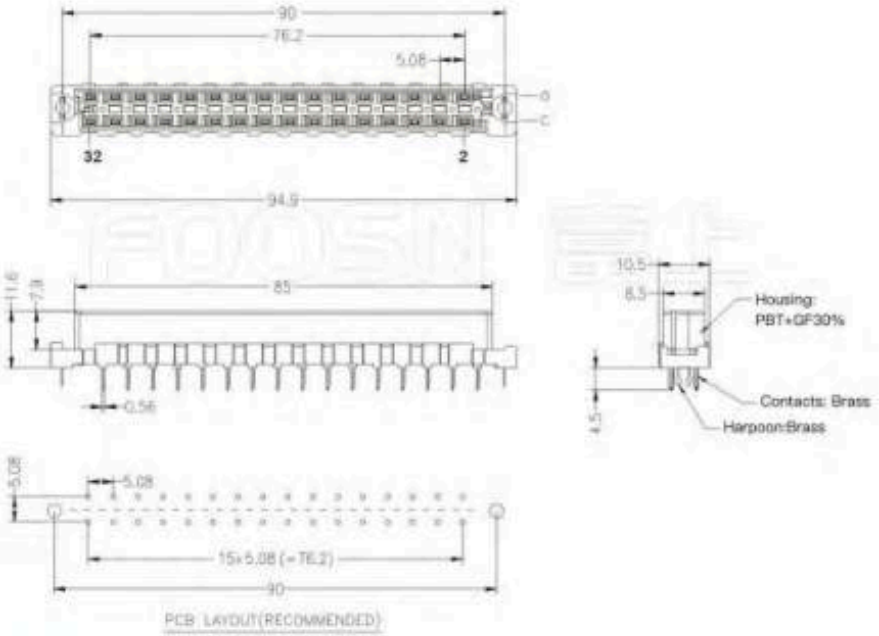
1. No. ofcontacts: 15=15P
2. Pitch: 5=5.08 Pitch
3. Row With Contacts: 2=d+z Rows
4. Contact Finishes: 1=Gold Flash 2=2U" Gold 5=05U" Gold 6=15U" Gold 7=30U" Gold
5. Solder Length: 32=3.2mm

DIN41612 H Current 32P Female 180° DIP With Harpoon



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	6A
2	CONTACT RESISTANCE	20mΩ
3	INSULATION RESISTANCE	1000mΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	3100V AC/60S
5	OPERATION TEMPERATURE	-55°C ~ +105°C



Ordering Information

FDH 32 – F18 5 2 X – 45
1 2 3 4 5

1. No. ofcontacts:
15=15P

2. Pitch:
5=5.08 Pitch

3. Row With Contacts:
2=Double Rows

4. Contact Finishes:
0=SN 1=Gold Flash
2=2U" Gold 5=05U" Gold
6=15U" Gold 7=30U" Gold

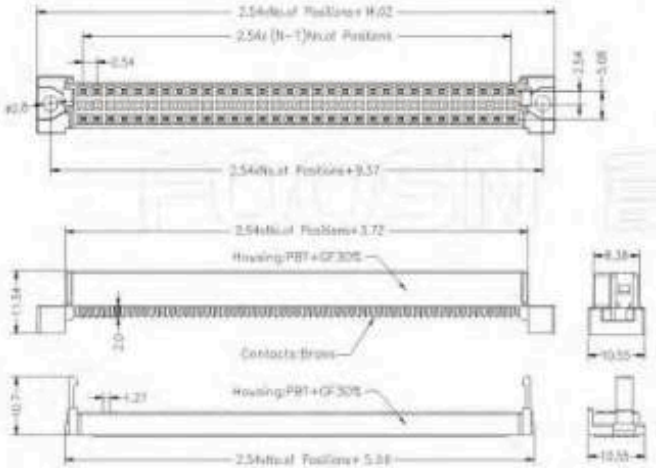
5. Solder Length:
45=4.5mm

DIN41612 3xNP FEMALE IDC TYPE



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	CONTACT RESISTANCE	30mΩ
3	INSULATION RESISTANCE	1000mΩ
4	DIELECTRIC WITHSTANDING VOLTAGE	1000V AC/60S
5	OPERATION TEMPERATURE	-40°C ~ +105°C



Pitch	Rows with Contacts	Contact Arrange
2.54	A B C	
	A – C	
	A B –	
	A – –	
5.08	A B C	
	A – C	
	A B –	
	A – –	

Ordering Information

FD3 XXX – F60 X X X – 40
1 2 3 4

1. No. ofcontacts:
30=3x10Pins
48=3x16Pins
64=2x32Pins
.....
96=3x32Pins

2. Pitch:
2=2.54 Pitch
5=5.08 Pitch

3. Row With Contacts:
1=A+B+C Rows
2=A+B Rows
3=A+C Rows
4=A Row

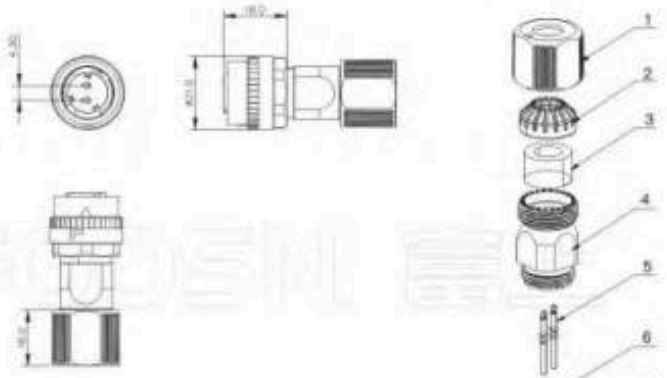
4. Contact Finishes:
1=Gold Flash 2=2U" Gold
5=5U" Gold 6=15U" Gold
7=30U" Gold

CM10 2P Female 180° Solder Type



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	VOLTAGE RATING	220V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	1000MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	900V AC/60S
6	APPLICABLE WIRES	22AWG
7	OPERATION TEMPERATURE	-25°C ~ +85°C
8	IP RATIG	IP67



NO.	DESCRIPTION	MATERIAL	QTY.	REMARKS
1	NUT	PA66	1	BLACK
2	CLAW	PA66	1	WHITE
3	BUSHING	NBR60	1	BLACK
4	TUBE 90°	ZINC ALLOY	1	NICKEL
5	PIN	BRASS	2	GOLD
6	O-RING	NBR70	1	BLACK
7	PLASTIC SOCKET	PA66	1	BLACK
8	O-RING	NBR70	1	BLACK
9	METAL SOCKET	ZINC ALLOY	1	NICKEL
10	NUT	ZINC ALLOY	2	NICKEL
11	SPRING	SUS304	1	/
12	GASKET	PA66	2	WHITE
13	SPRING	STELL	2	BLACK
14	NUT	ZINC ALLOY	1	NICKEL

Ordering Information

F CM10 - S P 2 S - S
1 2 3

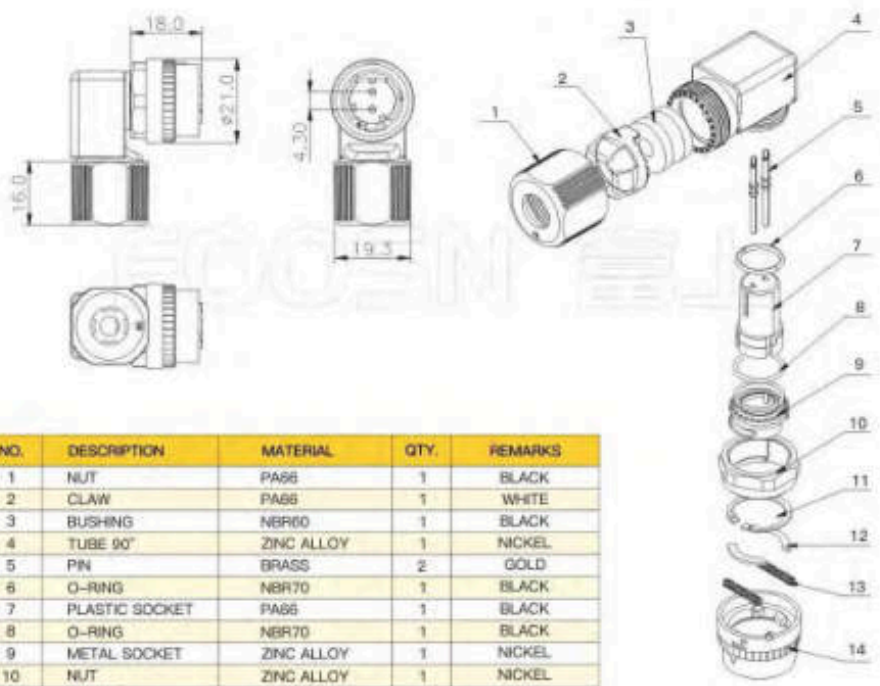
1. CM10 Series 2. S=Straight 3. 2=2P

CM10 2P Female 90° Solder Type



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	VOLTAGE RATING	220V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	1000MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	900V AC/60S
6	APPLICABLE WIRES	22AWG
7	OPERATION TEMPERATURE	-25°C ~ +85°C
8	IP RATIG	IP67



NO.	DESCRIPTION	MATERIAL	QTY.	REMARKS
1	NUT	PA66	1	BLACK
2	CLAW	PA66	1	WHITE
3	BUSHING	NBR60	1	BLACK
4	TUBE 90°	ZINC ALLOY	1	NICKEL
5	PIN	BRASS	2	GOLD
6	O-RING	NBR70	1	BLACK
7	PLASTIC SOCKET	PA66	1	BLACK
8	O-RING	NBR70	1	BLACK
9	METAL SOCKET	ZINC ALLOY	1	NICKEL
10	NUT	ZINC ALLOY	1	NICKEL
11	SPRING	SUS304	1	/
12	GASKET	PA66	2	WHITE
13	SPRING	STELL	2	BLACK
14	NUT	ZINC ALLOY	1	NICKEL

Ordering Information

F CM10 - A P 2 S - S
1 2 3

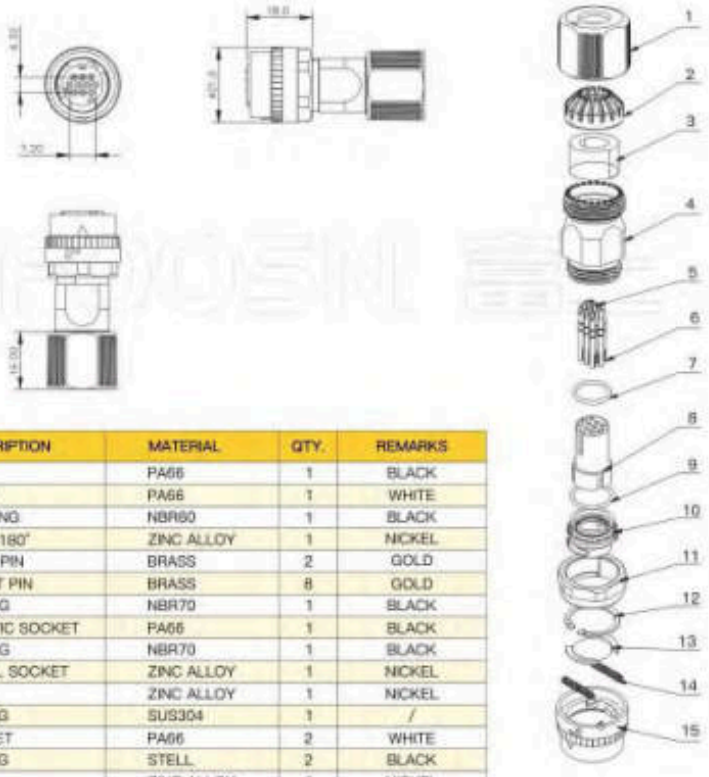
1. CM10 Series 2. A=Right Angle 3. 2=2P

CM10 10P Female 180° Solder Type



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	VOLTAGE RATING	220V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	1000MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	900V AC/60S
6	APPLICABLE WIRES	22AWG
7	OPERATION TEMPERATURE	-25°C ~ +85°C
8	IP RATIG	IP67



NO.	DESCRIPTION	MATERIAL	QTY.	REMARKS
1	NUT	PA66	1	BLACK
2	CLAW	PA66	1	WHITE
3	BUSHING	NBR60	1	BLACK
4	TUBE 180°	ZINC ALLOY	1	NICKEL
5	LONG PIN	BRASS	2	GOLD
6	SHORT PIN	BRASS	8	GOLD
7	O-RING	NBR70	1	BLACK
8	PLASTIC SOCKET	PA66	1	BLACK
9	O-RING	NBR70	1	BLACK
10	METAL SOCKET	ZINC ALLOY	1	NICKEL
11	NUT	ZINC ALLOY	1	NICKEL
12	SPRING	SUS304	1	/
13	GASKET	PA66	2	WHITE
14	SPRING	STELL	2	BLACK
15	NUT	ZINC ALLOY	1	NICKEL

Ordering Information

F CM10 - S P 10 S - M
1 2 3

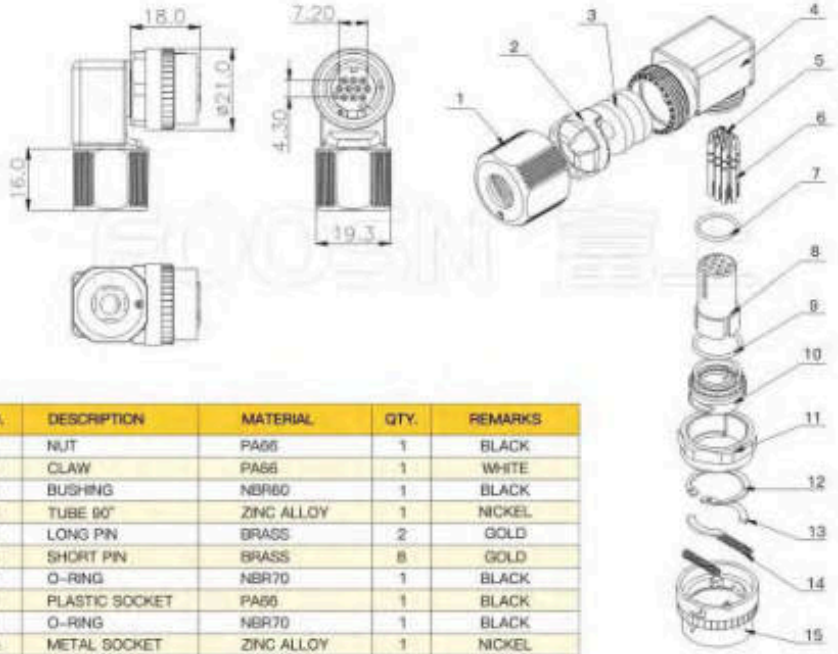
1. CM10 Series 2. S=Straight 3. 10=10P

CM10 10P Female 90° Solder Type



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	VOLTAGE RATING	220V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	1000MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	900V AC/60S
6	APPLICABLE WIRES	22AWG
7	OPERATION TEMPERATURE	-25°C ~ +85°C
8	IP RATIG	IP67



NO.	DESCRIPTION	MATERIAL	QTY.	REMARKS
1	NUT	PA66	1	BLACK
2	CLAW	PA66	1	WHITE
3	BUSHING	NBR60	1	BLACK
4	TUBE 90°	ZINC ALLOY	1	NICKEL
5	LONG PIN	BRASS	2	GOLD
6	SHORT PIN	BRASS	8	GOLD
7	O-RING	NBR70	1	BLACK
8	PLASTIC SOCKET	PA66	1	BLACK
9	O-RING	NBR70	1	BLACK
10	METAL SOCKET	ZINC ALLOY	1	NICKEL
11	NUT	ZINC ALLOY	1	NICKEL
12	SPRING	SUS304	1	/
13	GASKET	PA66	2	WHITE
14	SPRING	STELL	2	BLACK
15	NUT	ZINC ALLOY	1	NICKEL

Ordering Information

F CM10 - A P 10 S - M
1 2 3

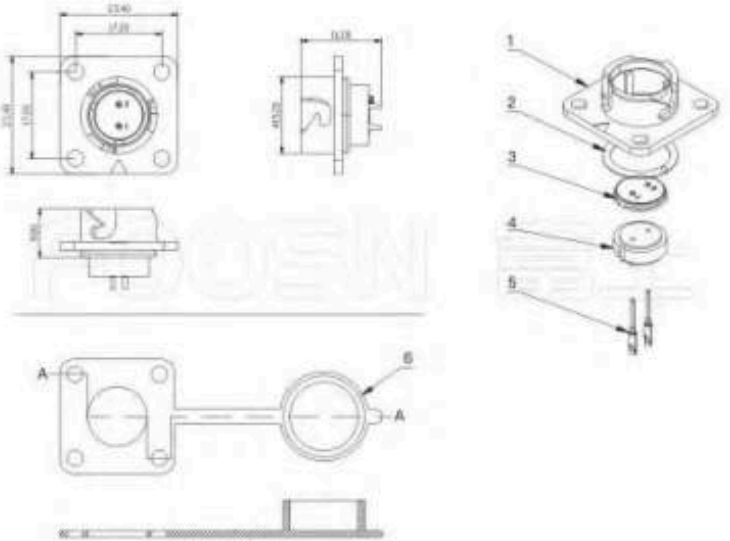
1. CM10 Series 2. A=Right Angle 3. 10=10P

CM10 2P Male Flange Socket



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	VOLTAGE RATING	220V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	1000MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	900V AC/60S
6	APPLICABLE WIRES	22AWG
7	OPERATION TEMPERATURE	-25°C ~ +85°C
8	IP RATIG	IP67



A-A Section

NO.	DESCRIPTION	MATERIAL	QTY.	REMARKS
1	BASE	ZINC ALLOY	1	NICKEL
2	O-RING	PA66	1	BLACK
3	GASKET	NBR70	1	/
4	PLASTIC SOCKET	PA66	1	WHITE
5	PIN	BRASS	2	GOLD
6	BUSHING	RUBBER	1	BLACK

Ordering Information

F CM10 - R 2 P - S
1 2 3

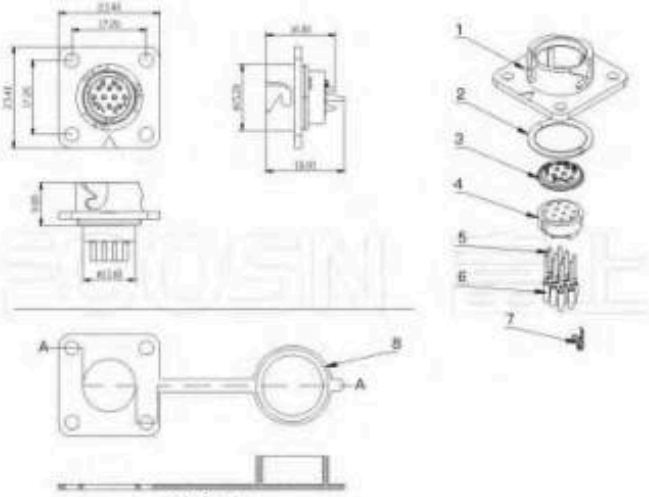
1. CM10 Series 2. R=Square 3. 2=2P

CM10 10P Male Flange Socket



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	VOLTAGE RATING	220V AC
3	CONTACT RESISTANCE	35mΩ
4	INSULATION RESISTANCE	1000MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	900V AC/60S
6	APPLICABLE WIRES	22AWG
7	OPERATION TEMPERATURE	-25°C ~ +85°C
8	IP RATIG	IP67



A-A Section

NO.	DESCRIPTION	MATERIAL	QTY.	REMARKS
1	BASE	ZINC ALLOY	1	NICKEL
2	O-RING	PA66	1	BLACK
3	GASKET	NBR70	1	/
4	PLASTIC SOCKET	PA66	1	WHITE
5	LONG PIN	BRASS	4	GOLD
6	SHORT PIN	BRASS	6	GOLD
7	GROUND	BRASS	1	GOLD
8	BUSHING	RUBBER	1	BLACK

Ordering Information

F CM10 - R 10 S - M
1 2 3

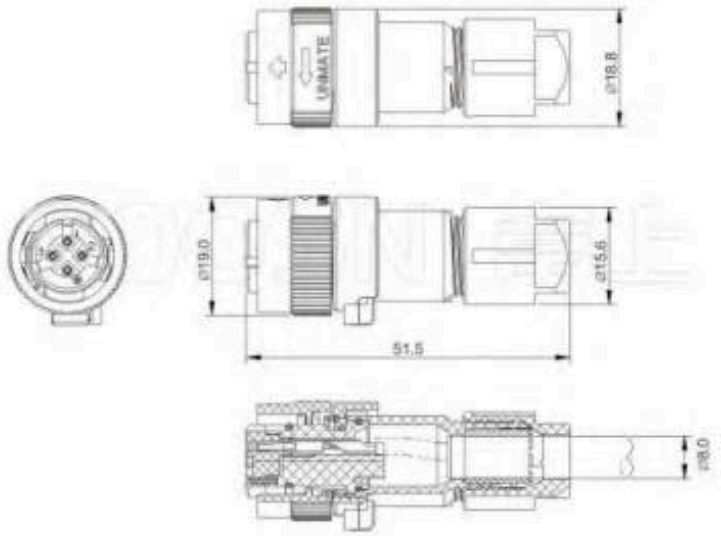
1. CM10 Series 2. R=Square 3. 2=2P

JN1-4P Connector (for FANUC)



ELECTRICAL CHARACTERISTICS

1	CONTACT CURRECT RATING	5AMP
2	DIELECTRIC WITHSTANDING VOLTAGE	500V AC
3	CONTACT RESISTANCE	30MΩ/MAX
4	INSULATION RESISTANCE	500MΩ/MIN
5	TEMPERATURE RANGE	-25℃ - +85℃



ITEM	NAME	QUANTITY	MATERIAL
1	Hole seat	1	PA66
2	Front O-ring seal	1	Silicone rubber 60°
3	Circlip	1	Stainless steel
4	Tripod clamp nut	1	PA66
5	Relay nut	1	PA66
6	Rear O-ring seal	1	Silicone rubber 60°
7	Compression spring cover	1	PA66

ITEM	NAME	QUANTITY	MATERIAL
8	Spring	1	Stainless steel
9	Relay connector	1	Phosphor bronze
10	Jack	2	PA66
11	Straight housing	1	PA66
12	Crimping nut	1	PA66
13	Rubber seal	1	Silicone rubber 60°
14	Plastic jaws	1	PA66

Ordering Information

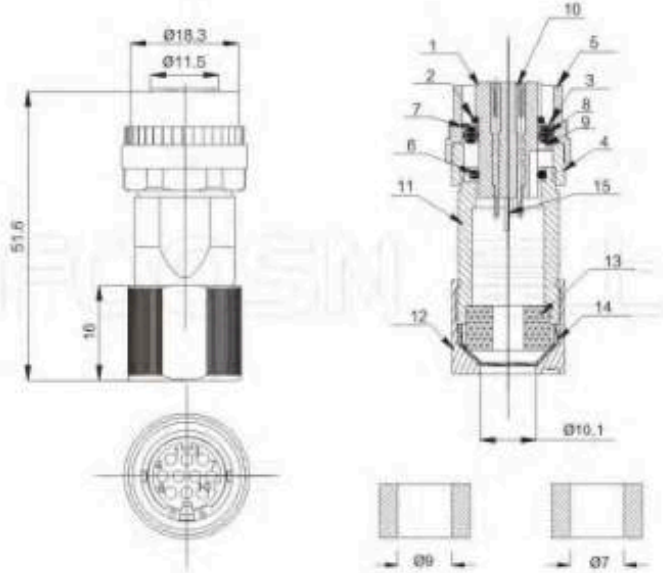
FJN1-04201-01

JN1-10P Connector (for FANUC)



ELECTRICAL CHARACTERISTICS

1	CONTACT CURRECT RATING	5AMP
2	DIELECTRIC WITHSTANDING VOLTAGE	500V AC
3	CONTACT RESISTANCE	30MΩ/MAX
4	INSULATION RESISTANCE	500MΩ/MIN
5	TEMPERATURE RANGE	-25℃ - +85℃



ITEM	NAME	QUANTITY	MATERIAL
1	Hole seat	1	Zinc alloy
2	Front O-ring seal	1	Silicone rubber 60°
3	Circlip	1	Stainless steel
4	Tripod clamp nut	1	Zinc alloy
5	Relay nut	1	Zinc alloy
6	Rear O-ring seal	1	Silicone rubber 60°
7	Compression spring cover	1	PA66

ITEM	NAME	QUANTITY	MATERIAL
8	Spring	1	Stainless steel
9	Relay connector	1	Zinc alloy
10	Jack	2	Phosphor bronze
11	Straight housing	1	Zinc alloy
12	Crimping nut	1	Zinc alloy
13	Rubber seal	1	Silicone rubber 60°
14	Plastic jaws	1	PA66

Ordering Information

FJN1-10201-01

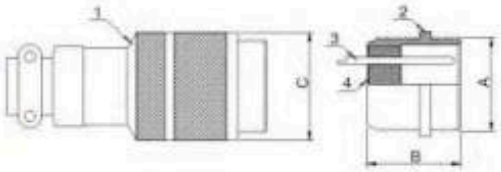
GX 12/16/20/25 xxP Male With Round Shell Connector

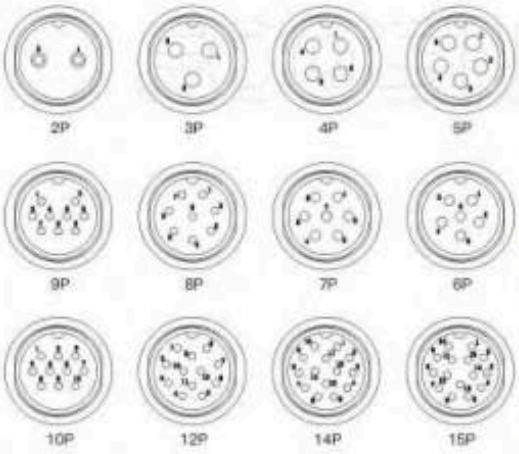


Ordering Information

FGX XX M – XX 0 X – 08
(1 2 3 4)

1.GX Series: 12=12 Series 16=16 Series 20=20 Series 25=25 Series
2.Model Type: M=Male
3.No. of Pins: 02=2P 03=03P 05=5P ..... 15=15P
4.Pin Plating: 0=Sn 1=Gold





ITEM	PART NAME	MATERIALS	FINISHES
1	SHELL	ZINC ALLOY	NICKEL
2	OUTER SCREW	ZINC ALLOY	NICKEL
3	PIN	BRASS	SILVER or GOLD
4	INSULATOR	ABS	BLACK

GX Code	MAEL DIMENSIONS		
	A	B	C
GX12	Φ12.6	16.2	Φ12.6
GX16	Φ15.5	15.5	Φ15.5
GX20	Φ18.5	43.0	Φ18.5
GX25	Φ24.8	21.0	Φ24.8

No. of Pins	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Current Rating(A)	10	10	10	10	7	7	5	3	3	3	3	3	3	3
Voltage Rating(V)	150	150	150	150	150	150	125	125	125	125	125	125	125	125
Operation Voltage(V)	400	400	400	400	300	300	250	200	200	200	200	200	200	200
Withstanding Voltage(V)	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
Insulation Resistance(MΩ)	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Contact Resistance(mΩ)	10	10	10	10	10	10	10	10	10	10	10	10	10	10

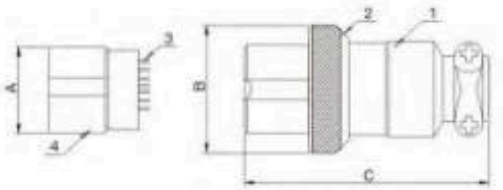
GX 12/16/20/25 xxP Female With Round Shell Connector

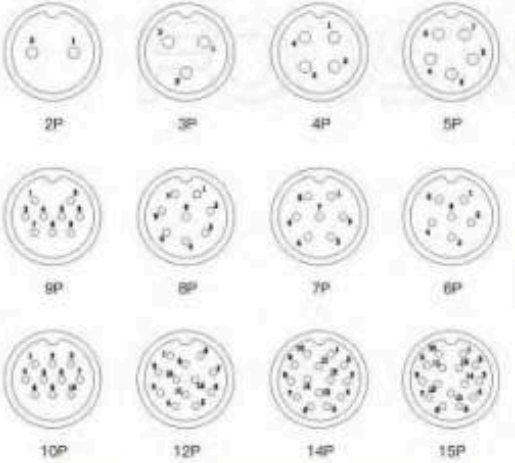


Ordering Information

FGX XX F – XX 0 X – 80
(1 2 3 4)

1.GX Series: 12=12 Series 16=16 Series 20=20 Series 25=25 Series
2.Model Type: M=Male
3.No. of Pins: 02=2P 03=03P 05=5P ..... 15=15P
4.Pin Plating: 0=Sn 1=Gold





ITEM	PART NAME	MATERIALS	FINISHES
1	SHELL	ZINC ALLOY	NICKEL
2	NUT	ZINC ALLOY	NICKEL
3	PIN	BRASS	SILVER or GOLD
4	INSULATOR	ABS	BLACK

GX Code	MAEL DIMENSIONS		
	A	B	C
GX12	Φ8.90	Φ6.90	34.5
GX16	Φ12.5	Φ12.5	35.8
GX20	Φ15.3	Φ21.5	43.0
GX25	Φ20.9	Φ27.6	51.0

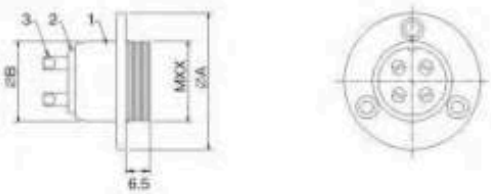
No. of Pins	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Current Rating(A)	10	10	10	10	7	7	5	3	3	3	3	3	3	3
Voltage Rating(V)	150	150	150	150	150	150	125	125	125	125	125	125	125	125
Operation Voltage(V)	400	400	400	400	300	300	250	200	200	200	200	200	200	200
Withstanding Voltage(V)	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
Insulation Resistance(MΩ)	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Contact Resistance(mΩ)	10	10	10	10	10	10	10	10	10	10	10	10	10	10

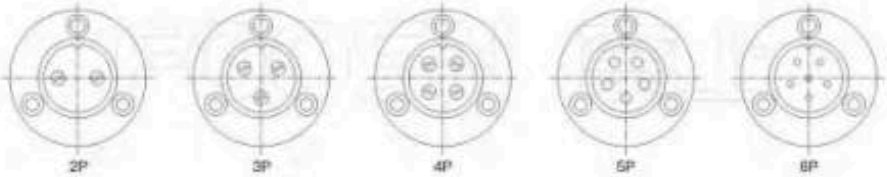
GX 12/16/20/25 xxP Male Flange Connector

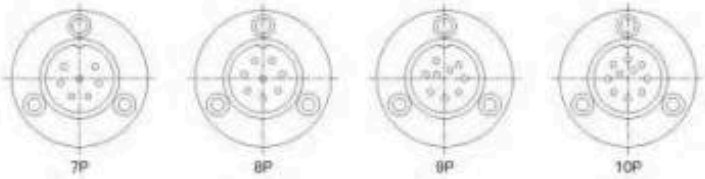


ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	VOLTAGE RATING	300V AC
3	CONTACT RESISTANCE	50mΩ
4	DURABILITY	500 CYCLES
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
6	OPERATION TEMPERATURE	-20°C ~ +85°C







ITEM	PART NAME	MATERIALS	FINISHES
1	SHELL	ZINC ALLOY	NICKEL
2	INSULATOR	ABS	BLACK
3	CONTACTS	BRASS	GOLD or SILVER

Ordering Information

FGX XX R - XX 0 X - 10
(1: XX, 2: R, 3: XX, 4: X)

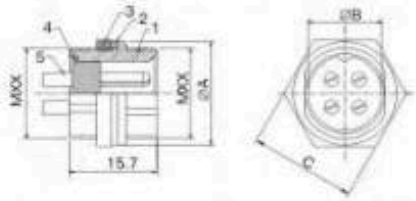
1.GX Series: 12=12 Series 16=16 Series 20=20 Series 25=25 Series
2.No. of Pins: 02=2P 03=03P 05=5P ..... 10=10P
3.Pin Plating: 0=Sn 1=Gold

GX12/16/20/25 XXP MALE CONNECTOR With NUT

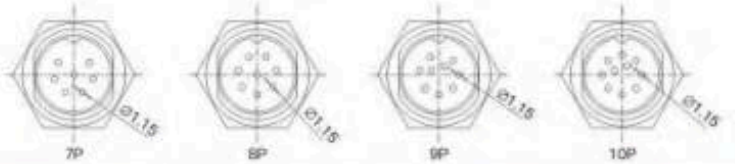


ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	3.0A
2	VOLTAGE RATING	300V AC
3	CONTACT RESISTANCE	50mΩ
4	DURABILITY	500 CYCLES
5	DIELECTRIC WITHSTANDING VOLTAGE	500V AC/60S
6	OPERATION TEMPERATURE	-20°C ~ +85°C







ITEM	PART NAME	MATERIALS	FINISHES
1	SHELL	ZINC ALLOY	NICKEL
2	RING	STEEL	/
3	NUT	BRASS	NICKEL
4	INSULATOR	ABS	BLACK
5	CONTACTS	BRASS	GOLD or SILVER

Ordering Information

FGX XX M- XX 0 X - 80
(1: XX, 2: M-, 3: XX, 4: X)

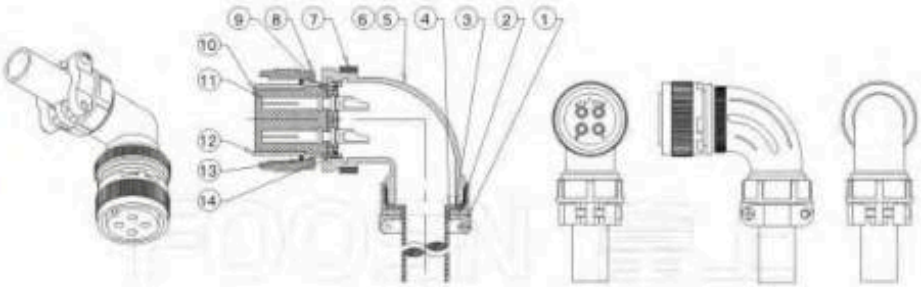
1.GX Series: 12=12 Series 16=16 Series 20=20 Series 25=25 Series
2.No. of Pins: 02=2P 03=03P 05=5P ..... 10=10P
3.Pin Plating: 0=Sn 1=Gold

MIL-DTL-5015 Connector RB0018-10S



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	23A for #8中孔
2	VOLTAGE RATING	380V AC
3	CONTACT RESISTANCE	50mΩ
4	INSULATION RESISTANCE	1000MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	2000V
6	OPERATION TEMPERATURE	4x#8 中孔



NO.	DESCRIPTION	MATERIAL	QTY.	REMARKS
1	SCREW	1008K	2	GREEN
2	GASKET	ZINC ALLOY	2	GREEN
3	CLAW	ZINC ALLOY	1	GREEN
4	BUSHING	RUBBER	1	BLACK
5	LEFT TUBE 90°	ZINC ALLOY	1	GREEN
6	RIGHT TUBE 90°	ZINC ALLOY	1	GREEN
7	RETAINING RING	ZINC ALLOY	1	GREEN
8	NUT	ZINC ALLOY	1	GREEN
9	COVER	PA66	1	BLACK
10	HOUSING	PA66	4	BLACK
11	PIN	BRASS	1	SILVER
12	TUBE	ZINC ALLOY	1	GREEN
13	O-Ring	RUBBER	1	BLACK
14	SPRING	STELL	1	/

Ordering Information

F5015 - R B 0 0 18 - 10 S
(1 2 3 4 5)

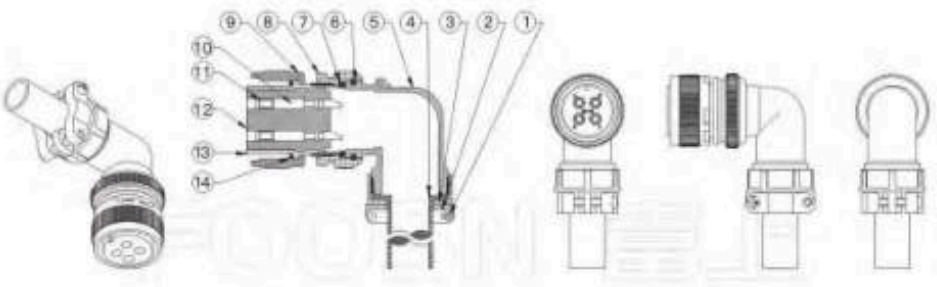
1. Model Type: R=Right Angle S=Straight T=Square
2. Shell Type: A=Integrated B=Separate
3. Logo: 0=No Logo 1=FOOSN Logo
4. Shell Color: 0=Military Green
5. Interface Type: P=Plug S=Socket

MIL-DTL-5015 Connector RA0020-4S



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	23A for #12
2	VOLTAGE RATING	380V AC
3	CONTACT RESISTANCE	50mΩ
4	INSULATION RESISTANCE	1000MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	2000V
6	OPERATION TEMPERATURE	4x#12



NO.	DESCRIPTION	MATERIAL	QTY.	REMARKS
1	SCREW	1008K	2	GREEN
2	GASKET	ZINC ALLOY	2	GREEN
3	CLAW	ZINC ALLOY	1	GREEN
4	BUSHING	RUBBER	1	BLACK
5	BODY 90°	ZINC ALLOY	1	GREEN
6	SPRING	STELL	1	/
7	O-Ring	RUBBER	1	BLACK
8	NUT	ZINC ALLOY	1	GREEN
9	NUT	ZINC ALLOY	1	GREEN
10	12# PIN	BRASS	4	SILVER
11	12#CLAMP SPRING	BRASS	4	NICKEL
12	HOUSING	PA66	1	BLACK
13	RETAINING RING	ZINC ALLOY	1	GREEN
14	O-Ring	RUBBER	1	BLACK

Ordering Information

F5015 - R A 0 0 20 - 4 S
(1 2 3 4 5)

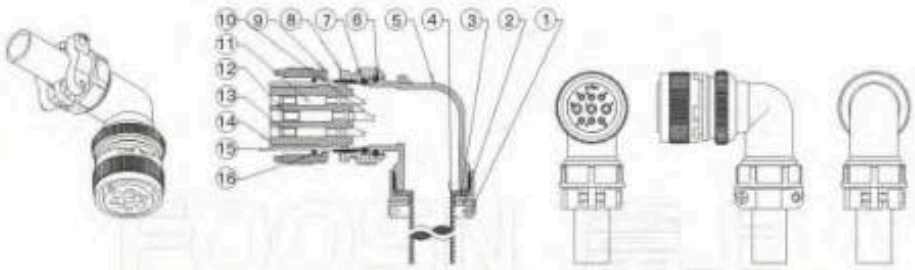
1. Model Type: R=Right Angle S=Straight T=Square
2. Shell Type: A=Integrated B=Separate
3. Logo: 0=No Logo 1=FOOSN Logo
4. Shell Color: 0=Military Green
5. Interface Type: P=Plug S=Socket

MIL-DTL-5015 Connector RA0020-18S



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	23A for #12
2	VOLTAGE RATING	380V AC
3	CONTACT RESISTANCE	50mΩ
4	INSULATION RESISTANCE	1000MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	2000V
6	OPERATION TEMPERATURE	4x#12



NO.	DESCRIPTION	MATERIAL	QTY.	REMARKS
1	SCREW	1008K	2	GREEN
2	GASKET	ZINC ALLOY	2	GREEN
3	CLAW	ZINC ALLOY	1	GREEN
4	BUSHING	RUBBER	1	BLACK
5	BODY 90°	ZINC ALLOY	1	GREEN
6	SPRING	STELL	1	/
7	O-Ring	RUBBER	1	BLACK
8	NUT	ZINC ALLOY	1	GREEN
9	NUT	ZINC ALLOY	1	GREEN
10	12# PIN	BRASS	3	SILVER
11	16#PIN	BRASS	6	SILVER
12	12#CLAMP SPRING	BRASS	3	NICKEL
13	16#CLAMP SPRING	BRASS	6	NICKEL
14	HOUSING	PA66	1	BLACK
15	RETAINING RING	ZINC ALLOY	1	GREEN
16	O-Ring	RUBBER	1	BLACK

Ordering Information

F5015 - R A 0 0 20 - 18 S
1 2 3 4 5

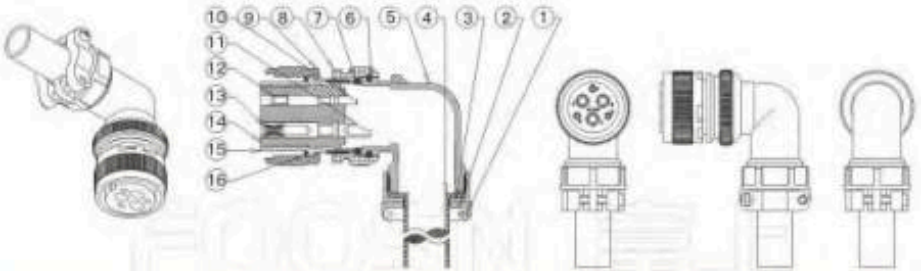
1. Model Type: R=Right Angle S=Straight T=Square
2. Shell Type: A=Integrated B=Separate
3. Logo: 0=No Logo 1=FOOSN Logo
4. Shell Color: 0=Military Green
5. Interface Type: P=Plug S=Socket

MIL-DTL-5015 Connector RA0020-22S



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	13A for #16;46A for #8
2	VOLTAGE RATING	380V AC
3	CONTACT RESISTANCE	50mΩ
4	INSULATION RESISTANCE	1000MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	2000V
6	OPERATION TEMPERATURE	3x#16, 3x#8



NO.	DESCRIPTION	MATERIAL	QTY.	REMARKS
1	SCREW	1008K	2	GREEN
2	GASKET	ZINC ALLOY	2	GREEN
3	CLAW	ZINC ALLOY	1	GREEN
4	BUSHING	RUBBER	1	BLACK
5	BODY 90°	ZINC ALLOY	1	GREEN
6	SPRING	STELL	1	/
7	O-Ring	RUBBER	1	BLACK
8	NUT	ZINC ALLOY	1	GREEN
9	NUT	ZINC ALLOY	1	GREEN
10	12# PIN	BRASS	3	SILVER
11	8#PIN	BRASS	3	SILVER
12	12#CLAMP SPRING	BRASS	3	NICKEL
13	8#CLAMP SPRING	BRASS	3	NICKEL
14	HOUSING	PA66	1	BLACK
15	RETAINING RING	ZINC ALLOY	1	GREEN
16	O-Ring	RUBBER	1	BLACK

Ordering Information

F5015 - R A 0 0 20 - 22 S
1 2 3 4 5

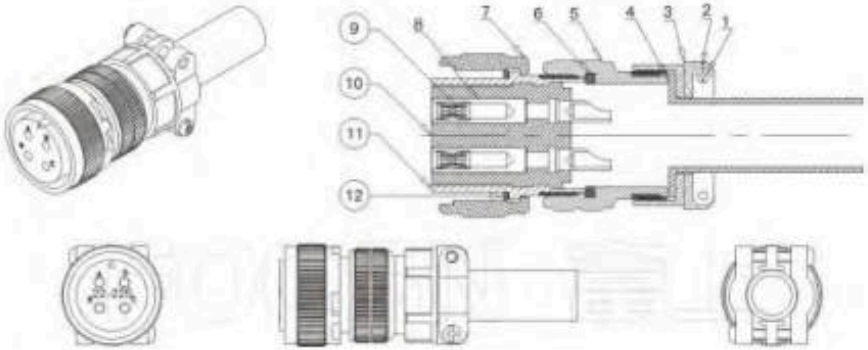
1. Model Type: R=Right Angle S=Straight T=Square
2. Shell Type: A=Integrated B=Separate
3. Logo: 0=No Logo 1=FOOSN Logo
4. Shell Color: 0=Military Green
5. Interface Type: P=Plug S=Socket

MIL-DTL-5015 Connector SA0022-22S



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	13A for #16;46A for #8
2	VOLTAGE RATING	380V AC
3	CONTACT RESISTANCE	50mΩ
4	INSULATION RESISTANCE	1000MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	2000V
6	OPERATION TEMPERATURE	3x#16, 3x#8



NO.	DESCRIPTION	MATERIAL	QTY.	REMARKS
1	SCREW	1008K	2	GREEN
2	GASKET	ZINC ALLOY	2	GREEN
3	CLAW	ZINC ALLOY	1	GREEN
4	BUSHING	RUBBER	1	BLACK
5	BODY 180°	ZINC ALLOY	1	GREEN
6	O-Ring	RUBBER	1	BLACK
7	NUT	ZINC ALLOY	1	GREEN
8	PIN	BRASS	4	SILVER
9	CLAMP SPRING	BRASS	4	SILVER
10	HOUSING	PA66	1	BLACK
11	TUBE	ZINC ALLOY	1	GREEN
12	O-Ring	RUBBER	1	BLACK

Ordering Information

F5015 - S A 0 0 22 - 22 S
1 2 3 4 5

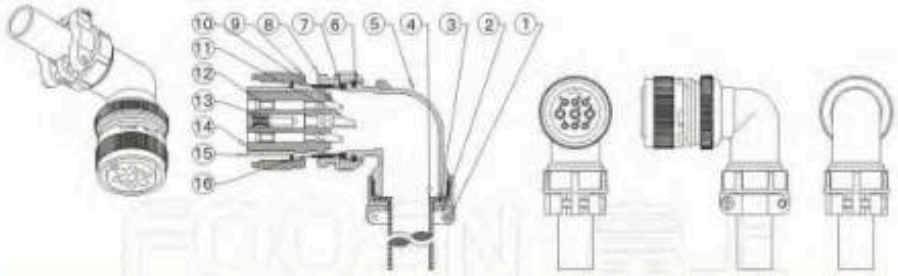
1. Model Type: R=Right Angle S=Straight T=Square
2. Shell Type: A=Integrated B=Separate
3. Logo: 0=No Logo 1=FOOSN Logo
4. Shell Color: 0=Military Green
5. Interface Type: P=Plug S=Socket

MIL-DTL-5015 Connector RA0024-11S



ELECTRICAL CHARACTERISTICS

1	CURRENT RATING	23A for #12;46A for #8
2	VOLTAGE RATING	380V AC
3	CONTACT RESISTANCE	50mΩ
4	INSULATION RESISTANCE	1000MΩ
5	DIELECTRIC WITHSTANDING VOLTAGE	2000V
6	OPERATION TEMPERATURE	3x#12, 3x#8



NO.	DESCRIPTION	MATERIAL	QTY.	REMARKS
1	SCREW	1008K	2	GREEN
2	GASKET	ZINC ALLOY	2	GREEN
3	CLAW	ZINC ALLOY	1	GREEN
4	BUSHING	RUBBER	1	BLACK
5	BODY 90°	ZINC ALLOY	1	GREEN
6	SPRING	STELL	1	/
7	O-Ring	RUBBER	1	BLACK
8	NUT	ZINC ALLOY	1	GREEN
9	NUT	ZINC ALLOY	1	GREEN
10	12# PIN	BRASS	3	SILVER
11	8#PIN	BRASS	3	SILVER
12	12#CLAMP SPRING	BRASS	3	NICKEL
13	8#CLAMP SPRING	BRASS	3	NICKEL
14	HOUSING	PA66	1	BLACK
15	RETAINING RING	ZINC ALLOY	1	GREEN
16	O-Ring	RUBBER	1	BLACK

Ordering Information

F5015 - R A 0 0 24 - 11 S
1 2 3 4 5

1. Model Type: R=Right Angle S=Straight T=Square
2. Shell Type: A=Integrated B=Separate
3. Logo: 0=No Logo 1=FOOSN Logo
4. Shell Color: 0=Military Green
5. Interface Type: P=Plug S=Socket

M8 / M12 Connector Series >>


M8A-3P Male


M8A-3P Female


M8A-4P Male


M8A-4P Female


M12A-8P Male


M12A-8P Female


M12A-8P Male


M12A-8P Female


M12A-17P Male


M12A-17P Female


M12A-17P Male


M12A-17P Female


M12X-8P Male


M12X-8P Female


TS10A-7P Male


TS10A-7P Female

D-SUB Cover Series >>




D-SUB 9P/15P/25P/26P/37P/44P/50P Cover




D-SUB 9P/15P/25P/26P/37P/44P/50P Cover




D-SUB 9P/15P/25P/26P/37P/44P/50P Cover




D-SUB 9P/15P/25P/26P/37P/44P/50P Cover

DB (2 Rows) Male Solder Type

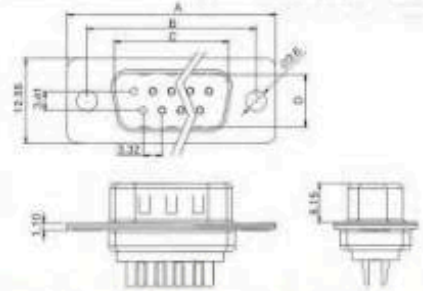


MATERIAL:

1	Insulator:	PBT UL 94-V0 rated.
2	Contact:	Brass.
3	Shell:	Cold Rolled Steel.
4	Board Lock NUT:	Brass
5	Hex Screw:	Brass

SPECIFICATION:

1	Current Rating:	1A Max.
2	Dielectric Withstanding Voltage:	500V(AC) for 1 Minute.
3	Contact Resistance:	30 mΩ MAX.
4	Insulation Resistance:	1000 MΩ MIN.
5	Temperature Range:	-55°C ~ +105°C.



Pin No.	A	B	C	D
9P	30.80	25.00	16.92	8.30
15P	39.20	33.32	25.25	8.30
25P	53.05	47.04	38.96	8.30
37P	69.40	63.50	55.42	8.30



NO SCREW	FRONT LOCK SCREW	BACK LOCK SCREW	ATTACH SCREW
FDBS2-M90XXX-10	FDBS2-M90XXX-20	FDBS2-M90XXX-30	FDBS2-M90XXX-40

DB (2 Rows) Female Solder Type

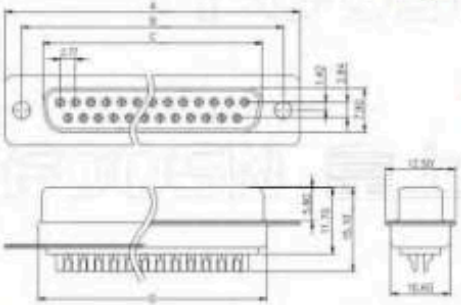


MATERIAL:

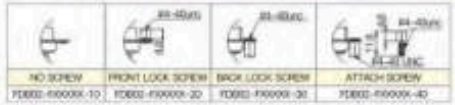
1	Insulator:	PBT UL 94-V0 rated.
2	Contact:	Brass, T=0.20mm.
3	Shell:	Cold Rolled Steel,T=0.35mm.
4	Board Lock NUT:	Brass
5	Hex Screw:	Brass

SPECIFICATION:

1	Current Rating:	1A Max.
2	Dielectric Withstanding Voltage:	500V(AC) for 1 Minute.
3	Contact Resistance:	30 mΩ MAX.
4	Insulation Resistance:	1000 MΩ MIN at DC 500V.
5	Temperature Range:	-55°C TO+105°C.



Pin No.	A	B	C	D
9P	30.80	25.00	16.30	19.16
15P	39.20	33.32	24.60	27.65
25P	53.10	47.04	38.30	41.10
37P	69.32	63.50	55.80	57.44



NO SCREW	FRONT LOCK SCREW	BACK LOCK SCREW	ATTACH SCREW
FDBS2-F90XXX-10	FDBS2-F90XXX-20	FDBS2-F90XXX-30	FDBS2-F90XXX-40

HDB (3 Rows) Male Solder Type

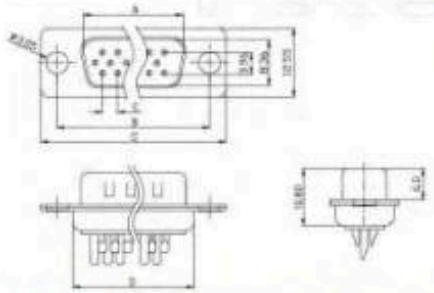


MATERIAL:

1	Insulator:	PBT UL 94-V0.
2	Contact:	Brass.
3	Shell:	Cold Rolled Steel.
4	Board Lock NUT:	Brass
5	Hex Screw:	Brass

SPECIFICATION:

1	Current Rating:	1A Max.
2	Dielectric Withstanding Voltage:	500V(AC) for 1 Minute.
3	Contact Resistance:	30 mΩ MAX.
4	Insulation Resistance:	1000 MΩ MIN.
5	Temperature Range:	-55°C ~ +105°C.



Pin No.	A	B	C	D	E
15	16.90	25.00	30.80	19.10	2.29
26	25.30	33.30	39.30	27.75	2.29
44	39.00	47.00	47.00	41.30	2.29
62	55.20	63.50	63.50	57.40	2.41

NO SCREW	FRONT LOCK SCREW	BACK LOCK SCREW	ATTACH SCREW
FHDB-M90000-00	FHDB-M90000-10	FHDB-M90000-20	FHDB-M90000-30

HDB (3 Rows) Female Solder Type

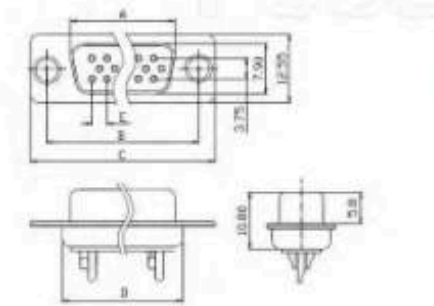


MATERIAL:

1	Insulator:	PBT UL 94-V0.
2	Contact:	Brass.
3	Shell:	Cold Rolled Steel.
4	Board Lock NUT:	Brass
5	Hex Screw:	Brass

SPECIFICATION:

1	Current Rating:	1A Max.
2	Dielectric Withstanding Voltage:	500V(AC) for 1 Minute.
3	Contact Resistance:	30 mΩ MAX.
4	Insulation Resistance:	1000 MΩ MIN.
5	Temperature Range:	-55°C ~ +105°C.



Pin No.	A	B	C	D	E
15	16.25	25.00	30.80	19.20	2.29
26	24.50	33.30	39.20	27.70	2.29
44	38.30	47.00	53.00	41.20	2.29
62	54.80	63.50	69.40	57.30	2.41

NO SCREW	FRONT LOCK SCREW	BACK LOCK SCREW	ATTACH SCREW
FHDB-F90000-00	FHDB-F90000-10	FHDB-F90000-20	FHDB-F90000-30

DP (2 Rows) Male 180° Dip Type

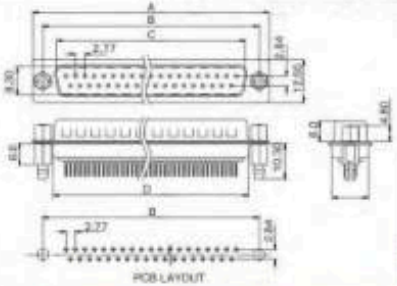


MATERIAL:

1	Insulator:	PBT+30%Glass Fiber(UL94V-0)
2	Contact:	Brass.
3	Contact Plated:	Gold Flash over Tin Or Glod Plated Or Tin Plated
4	Shell:	Steel,Nickel Plated

SPECIFICATION:

1	Current Rating:	1 AMPS
2	Insulation Resistance:	1000MΩMIN, At 500VDC
3	Dielectric Strength:	500V for One minute
4	Operation Temperature:	-55°~+105°



PART NO.	Pin No.	A	B	C	D	E
FDP09-M18001-0X	9P	30.80	25.00	16.30	19.10	10.50
FDP15-M18001-0X	15P	39.20	33.30	25.20	27.60	10.60
FDP25-M18001-0X	25P	52.00	47.04	38.90	41.10	10.60
FDP37-M18001-0X	37P	69.40	63.50	55.38	57.30	10.70



DP (2 Rows) Female 180° Dip Type

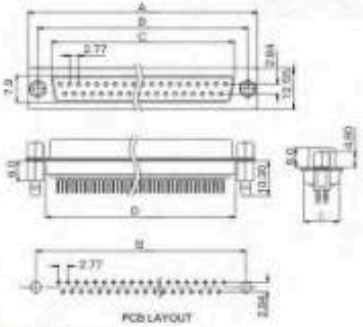


MATERIAL:

1	Insulator:	PBT+30%Glass Fiber(UL94V-0)
2	Contact:	Brass.
3	Contact Plated:	Gold Flash over Tin Or Glod Plated Or Tin Plated
4	Shell:	Steel,Nickel Plated

SPECIFICATION:

1	Current Rating:	1 AMPS
2	Insulation Resistance:	1000MΩMIN, At 500VDC
3	Dielectric Strength:	500V for One minute
4	Operation Temperature:	-55°~+105°



PART NO.	Pin No.	A	B	C	D	E
FDP09-F18001-0X	9P	30.80	25.00	16.30	19.10	10.50
FDP15-F18001-0X	15P	39.20	33.30	24.75	27.60	10.60
FDP25-F16001-0X	25P	52.00	47.04	38.33	41.10	10.60
FDP37-F18001-0X	37P	69.40	63.50	55.00	57.30	10.70



HDP (3 Rows) Male 180° Dip Type

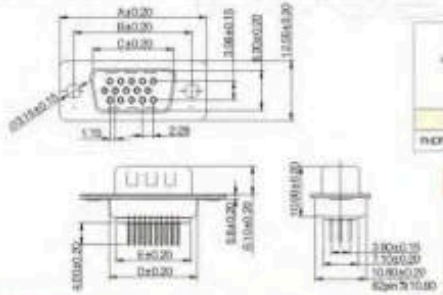


MATERIAL:

1	Insulator:	PBT+30%Glass Fiber(UL94V-0)
2	Contact:	Brass.
3	Contact Plated:	Gold Flash over Tin Or Glod Plated Or Tin Plated
4	Shell:	Steel,Nickel Plated

SPECIFICATION:

1	Current Rating:	1 AMPS
2	Insulation Resistance:	1000MΩMIN, At 500VDC
3	Dielectric Strength:	500V for One minute
4	Operation Temperature:	-55°~+105°



PART NO.	Pin No.	A	B	C	D	E
FHDP15-M1801-0X	15	30.80	24.99	16.92	19.00	15.60
FHDP26-M1801-0X	26	39.20	33.32	25.38	27.70	24.60
FHDP44-M1801-0X	44	53.05	47.04	38.84	41.10	38.10
FHDP62-M1801-0X	62	69.50	63.50	55.43	57.30	54.30

HDP (3 Rows) Female 180° Dip Type

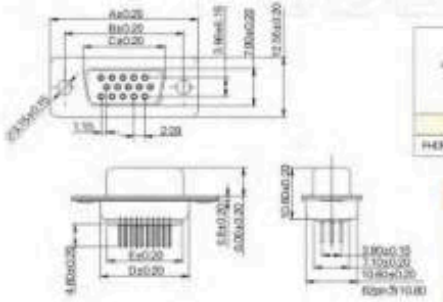


MATERIAL:

1	Insulator:	PBT+30%Glass Fiber(UL94V-0)
2	Contact:	Brass.
3	Contact Plated:	Gold Flash over Tin Or Glod Plated Or Tin Plated
4	Shell:	Steel,Nickel Plated

SPECIFICATION:

1	Current Rating:	1 AMPS
2	Insulation Resistance:	1000MΩMIN, At 500VDC
3	Dielectric Strength:	500V for One minute
4	Operation Temperature:	-55°~+105°



PART NO.	Pin No.	A	B	C	D	E
FHDP15-F1801-0X	15	30.80	24.99	16.34	19.00	15.60
FHDP26-F1801-0X	26	39.20	33.32	24.76	27.70	24.60
FHDP44-F1801-0X	44	53.05	47.04	38.33	41.10	38.10
FHDP62-F1801-0X	62	69.50	63.50	54.89	57.30	54.30

DR (2 Rows) Male 90° Dip Type

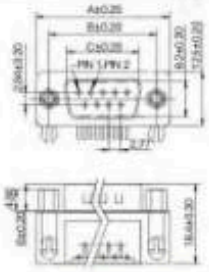


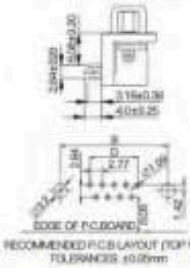
MATERIAL:

1	Insulator:	PBT+30%Glass Fiber(UL94V-0)
2	Contact:	Brass.
3	Contact Plated:	Gold Flash over Tin Or Glod Plated Or Tin Plated
4	Shell:	Steel,Nickel Plated

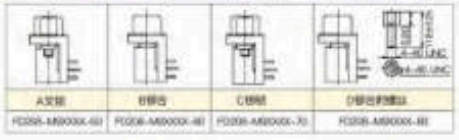
SPECIFICATION:

1	Current Rating:	1 AMPS
2	Insulation Resistance:	1000MΩMIN, At 500VDO
3	Dielectric Strength:	500V for One minute
4	Operation Temperature:	-55°~+105°





Pin No.	A±0.20	B±0.20	C±0.20	D
09	30.90	24.99	16.95	11.08
15	39.24	33.32	25.38	19.30
25	53.10	47.04	38.86	33.24
37	69.50	63.60	55.37	49.86



DR (2 Rows) Female 90° Dip Type

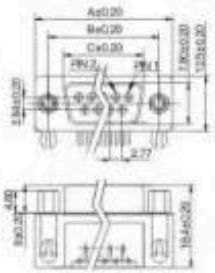


MATERIAL:

1	Insulator:	PBT+30%Glass Fiber(UL94V-0)
2	Contact:	Brass.
3	Contact Plated:	Gold Flash over Tin Or Glod Plated Or Tin Plated
4	Shell:	Steel,Nickel Plated

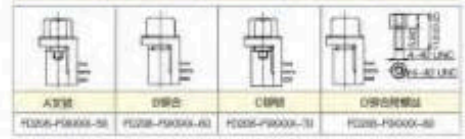
SPECIFICATION:

1	Current Rating:	1 AMPS
2	Insulation Resistance:	1000MΩMIN, At 500VDO
3	Dielectric Strength:	500V for One minute
4	Operation Temperature:	-55°~+105°





Pin No.	A±0.20	B±0.20	C±0.20	D
09	30.90	24.99	16.34	11.08
15	39.24	33.32	24.76	19.30
25	53.10	47.04	38.40	33.24
37	69.50	63.50	54.89	49.86



HDR (3 Rows) Male 90° Dip Type

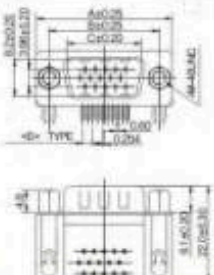


MATERIAL:

1	Insulator:	PBT+30%Glass Fiber(UL94V-0)
2	Contact:	Brass.
3	Contact Plated:	Gold Flash over Tin Or Glod Plated Or Tin Plated
4	Shell:	Steel,Nickel Plated

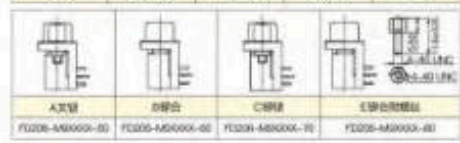
SPECIFICATION:

1	Current Rating:	1 AMPS
2	Insulation Resistance:	1000MΩMIN, At 500VDO
3	Dielectric Strength:	500V for One minute
4	Operation Temperature:	-55°~+105°





Pin No.	A	B	C	E
15	30.90	24.99	16.95	2.29
26	39.24	33.32	25.38	2.29
44	53.10	47.04	38.86	2.29
62	69.50	63.60	55.37	2.41



HDR (3 Rows) Female 90° Dip Type

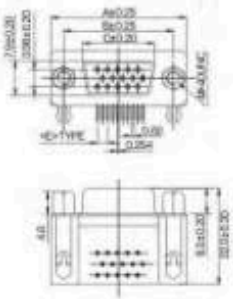


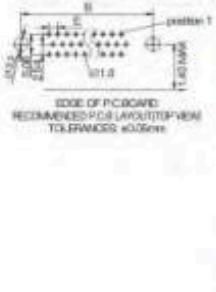
MATERIAL:

1	Insulator:	PBT+30%Glass Fiber(UL94V-0)
2	Contact:	Brass.
3	Contact Plated:	Gold Flash over Tin Or Glod Plated Or Tin Plated
4	Shell:	Steel,Nickel Plated

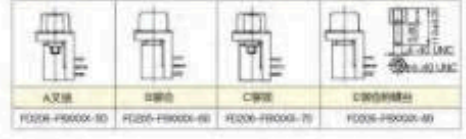
SPECIFICATION:

1	Current Rating:	1 AMPS
2	Insulation Resistance:	1000MΩMIN, At 500VDO
3	Dielectric Strength:	500V for One minute
4	Operation Temperature:	-55°~+105°





Pin No.	A	B	C	E
15	30.90	24.99	16.34	2.29
26	39.24	33.32	24.76	2.29
44	53.10	47.04	38.40	2.29
62	69.50	63.50	54.89	2.41



High Current DB (2 Rows) Male Solder Type

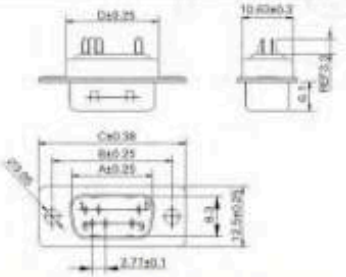


MATERIALS AND FINISH:

1	SHEL:	STEEL MATERIAL, FRONT SHELL NICKEL FINISHED BACK SHELL TIN FINISHED
2	INSULATOR:	PBT THERMOPLASTIC, 30% GLASSFILLED, UL 94V-0 RATED
3	CONTACT MATERIAL:	BRASS
4	CONTACT FINISH:	FULL GOLD FLASH

ELECTRICAL CHARACTERISTICS:

1	SMALL CURRENT TERMINAL RATING:	5.0 AMPS.
2	CONTACT RESISTANCE:	30 mΩ MAX.
3	DIELECTRIC WITHSTANDING VOLTAGE:	1000 V AC MIN.
4	INSULATION RESISTANCE:	5000 MΩ MIN.
5	TEMPERATURE RATING:	-55°C ~ +125°C



PART NO.	Pin No.	A	B	C	D
FD101-M09XXX-X0	09	16.92	24.99	30.81	19.28
FD101-M15XXX-X0	15	25.25	33.32	39.14	27.51
FD101-M25XXX-X0	25	38.96	47.04	53.04	41.28
FD101-M37XXX-X0	37	55.42	63.05	69.32	57.71



NO SCREW	FRONT LOCK SCREW	BACK LOCK SCREW	ATTACH SCREW
FD101-M09XXX-00	FD101-M09XXX-70	FD101-M09XXX-80	FD101-M09XXX-90

High Current DB (2 Rows) Female Solder Type

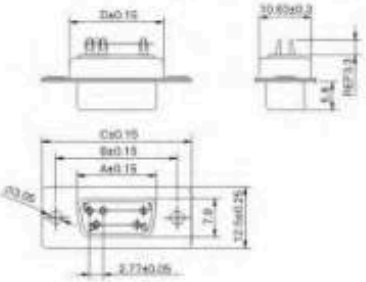


MATERIALS AND FINISH:

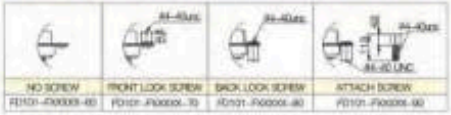
1	SHEL:	STEEL MATERIAL, FRONT SHELL NICKEL FINISHED BACK SHELL TIN FINISHED
2	INSULATOR:	PBT THERMOPLASTIC, 30% GLASSFILLED, UL 94V-0 RATED
3	CONTACT MATERIAL:	BRASS
4	CONTACT FINISH:	FULL GOLD FLASH

ELECTRICAL CHARACTERISTICS:

1	SMALL CURRENT TERMINAL RATING:	5.0 AMPS.
2	CONTACT RESISTANCE:	30 mΩ MAX.
3	DIELECTRIC WITHSTANDING VOLTAGE:	1000 V AC MIN.
4	INSULATION RESISTANCE:	5000 MΩ MIN.
5	TEMPERATURE RATING:	-55°C ~ +125°C



PART NO.	Pin No.	A	B	C	D
FD101-F09XXX-X0	09	16.33	24.99	30.81	19.28
FD101-F15XXX-X0	15	24.66	33.32	39.14	27.51
FD101-F25XXX-X0	25	38.38	47.04	53.04	41.28
FD101-F37XXX-X0	37	54.84	63.05	69.32	57.71



NO SCREW	FRONT LOCK SCREW	BACK LOCK SCREW	ATTACH SCREW
FD101-F09XXX-00	FD101-F09XXX-70	FD101-F09XXX-80	FD101-F09XXX-90

High Current HDB (3 Rows) Male Solder Type

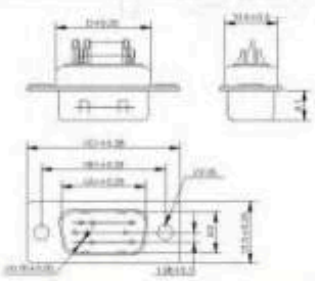


MATERIALS AND FINISH:

1	SHEL:	STEEL MATERIAL, FRONT SHELL NICKEL FINISHED BACK SHELL TIN FINISHED
2	INSULATOR:	PBT THERMOPLASTIC, 30% GLASSFILLED, UL 94V-0 RATED
3	CONTACT MATERIAL:	BRASS
4	CONTACT FINISH:	FULL GOLD FLASH

ELECTRICAL CHARACTERISTICS:

1	SMALL CURRENT TERMINAL RATING:	5.0 AMPS.
2	CONTACT RESISTANCE:	30 mΩ MAX.
3	DIELECTRIC WITHSTANDING VOLTAGE:	1000 V AC MIN.
4	INSULATION RESISTANCE:	5000 MΩ MIN.
5	TEMPERATURE RATING:	-55°C ~ +125°C



PART NO.	Pin No.	A	B	C	D
HDB09-M8002-0X	09	16.92	24.99	30.81	19.28
HDB15-M8002-0X	15	25.25	33.32	39.14	27.51
HDB25-M8002-0X	25	38.96	47.04	53.04	41.28
HDB37-M8002-0X	37	55.42	63.05	69.32	57.71



NO SCREW	FRONT LOCK SCREW	BACK LOCK SCREW	ATTACH SCREW
HDBX-M8002-00	HDBX-M8002-70	HDBX-M8002-80	HDBX-M8002-90

High Current HDB (3 Rows) Female Solder Type

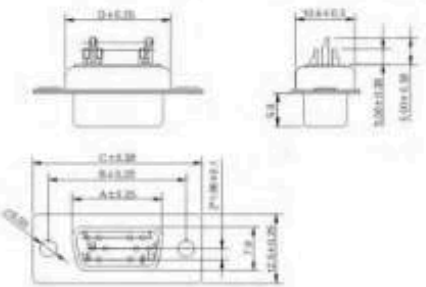


MATERIALS AND FINISH:

1	SHEL:	STEEL MATERIAL, FRONT SHELL NICKEL FINISHED BACK SHELL TIN FINISHED
2	INSULATOR:	PBT THERMOPLASTIC, 30% GLASSFILLED, UL 94V-0 RATED
3	CONTACT MATERIAL:	BRASS
4	CONTACT FINISH:	FULL GOLD FLASH

ELECTRICAL CHARACTERISTICS:

1	SMALL CURRENT TERMINAL RATING:	5.0 AMPS.
2	CONTACT RESISTANCE:	30 mΩ MAX.
3	DIELECTRIC WITHSTANDING VOLTAGE:	1000 V AC MIN.
4	INSULATION RESISTANCE:	5000 MΩ MIN.
5	TEMPERATURE RATING:	-55°C ~ +125°C



PART NO.	Pin No.	A	B	C	D
HDB09-F8002-0X	09	16.33	24.99	30.81	19.28
HDB15-F8002-0X	15	24.66	33.32	39.14	27.51
HDB25-F8002-0X	25	38.38	47.04	53.04	41.28
HDB37-F8002-0X	37	54.84	63.05	69.32	57.71



NO SCREW	FRONT LOCK SCREW	BACK LOCK SCREW	ATTACH SCREW
HDBX-F8002-00	HDBX-F8002-70	HDBX-F8002-80	HDBX-F8002-90

High Current Dp (2 Rows) Male 180° DIP Type

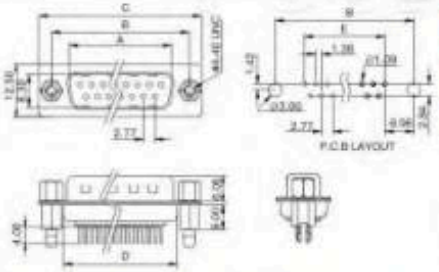


MATERIALS AND FINISH:

1	SHEL:	STEEL MATERIAL, FRONT SHELL NICKEL FINISHED BACK SHELL TIN FINISHED
2	INSULATOR:	PBT THERMOPLASTIC, 30% GLASSFILLED, UL 94V-0 RATED
3	CONTACT MATERIAL:	BRASS
4	CONTACT FINISH:	FULL GOLD FLASH

ELECTRICAL CHARACTERISTICS:

1	SMALL CURRENT TERMINAL RATING:	5.0 AMPS;
2	CONTACT RESISTANCE:	30 mΩ MAX .
3	DIELECTRIC WITHSTANDING VOLTAGE:	1000 V AC MIN.
4	INSULATION RESISTANCE:	5000 MΩ MIN.
5	TEMPERATURE RATING:	-55°C ~ +125°C



PART NO.	Pin No.	A	B	C	D	E
FDP09-M1XXXX-60	09	16.90	25.00	30.80	19.28	11.08
FDP15-M1XXXX-60	15	25.35	33.30	39.20	27.51	19.39
FDP25-M1XXXX-60	25	39.00	47.04	53.04	41.28	33.24
FDP37-M1XXXX-60	37	55.42	63.50	69.40	57.71	49.86

OPTIONS A



High Current Dp (2 Rows) Female 180° DIP Type

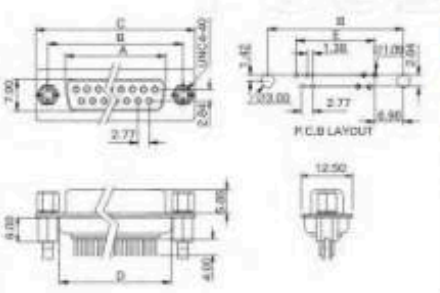


MATERIALS AND FINISH:

1	SHEL:	STEEL MATERIAL, FRONT SHELL NICKEL FINISHED BACK SHELL TIN FINISHED
2	INSULATOR:	PBT THERMOPLASTIC, 30% GLASSFILLED, UL 94V-0 RATED
3	CONTACT MATERIAL:	BRASS
4	CONTACT FINISH:	FULL GOLD FLASH

ELECTRICAL CHARACTERISTICS:

1	SMALL CURRENT TERMINAL RATING:	5.0 AMPS;
2	CONTACT RESISTANCE:	30 mΩ MAX .
3	DIELECTRIC WITHSTANDING VOLTAGE:	1000 V AC MIN.
4	INSULATION RESISTANCE:	5000 MΩ MIN.
5	TEMPERATURE RATING:	-55°C ~ +125°C



PART NO.	Pin No.	A	B	C	D	E
FDP09-F1XXXX-60	09	16.30	25.00	30.80	19.28	11.08
FDP15-F1XXXX-60	15	24.80	33.30	39.20	27.51	19.39
FDP25-F1XXXX-60	25	38.30	47.04	53.04	41.28	33.24
FDP37-F1XXXX-60	37	54.80	63.50	69.32	57.71	49.86

OPTIONS A



High Current Hdp (3 Rows) Male 180° DIP Type

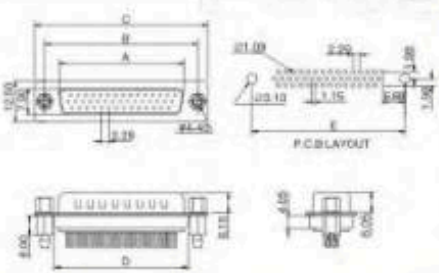


MATERIALS AND FINISH:

1	SHEL:	STEEL MATERIAL, FRONT SHELL NICKEL FINISHED BACK SHELL TIN FINISHED
2	INSULATOR:	PBT THERMOPLASTIC, 30% GLASSFILLED, UL 94V-0 RATED
3	CONTACT MATERIAL:	BRASS
4	CONTACT FINISH:	FULL GOLD FLASH

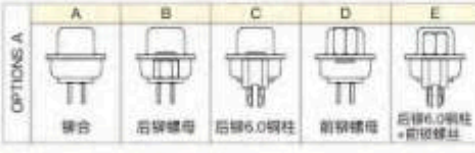
ELECTRICAL CHARACTERISTICS:

1	SMALL CURRENT TERMINAL RATING:	5.0 AMPS;
2	CONTACT RESISTANCE:	30 mΩ MAX .
3	DIELECTRIC WITHSTANDING VOLTAGE:	1000 V AC MIN.
4	INSULATION RESISTANCE:	5000 MΩ MIN.
5	TEMPERATURE RATING:	-55°C ~ +125°C



PART NO.	Pin No.	A	B	C	D	E
FPW315-M1XXX-00	15	16.33	24.99	30.81	19.28	24.99
FPW326-M1XXX-00	26	24.66	33.32	39.14	27.51	33.32
FPW344-M1XXX-00	44	38.38	47.04	53.04	41.28	47.04
FPW362-M1XXX-00	62	54.84	63.50	69.32	57.71	63.50

OPTIONS A



High Current Hdp (3 Rows) Female 180° DIP Type

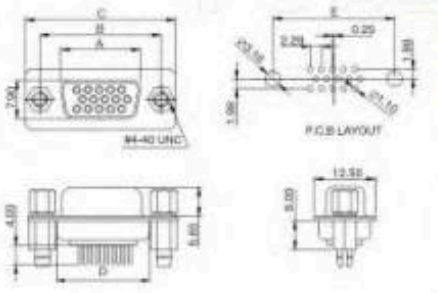


MATERIALS AND FINISH:

1	SHEL:	STEEL MATERIAL, FRONT SHELL NICKEL FINISHED BACK SHELL TIN FINISHED
2	INSULATOR:	PBT THERMOPLASTIC, 30% GLASSFILLED, UL 94V-0 RATED
3	CONTACT MATERIAL:	BRASS
4	CONTACT FINISH:	FULL GOLD FLASH

ELECTRICAL CHARACTERISTICS:

1	SMALL CURRENT TERMINAL RATING:	5.0 AMPS;
2	CONTACT RESISTANCE:	30 mΩ MAX .
3	DIELECTRIC WITHSTANDING VOLTAGE:	1000 V AC MIN.
4	INSULATION RESISTANCE:	5000 MΩ MIN.
5	TEMPERATURE RATING:	-55°C ~ +125°C



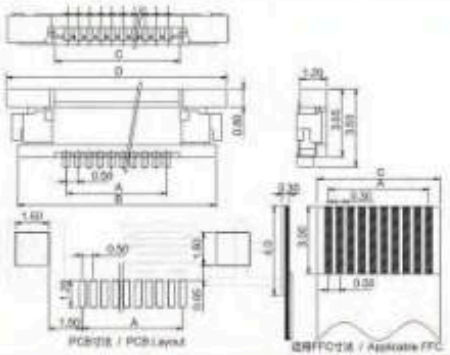
PART NO.	Pin No.	A	B	C	D	E
FPW315-F1XXX-00	15	16.33	24.99	30.81	19.28	24.99
FPW326-F1XXX-00	26	24.66	33.32	39.14	27.51	33.32
FPW344-F1XXX-00	44	38.38	47.04	53.04	41.28	47.04
FPW362-F1XXX-00	62	54.84	63.50	69.32	57.71	63.50

OPTIONS A



0.50mm FPC Connector Horizontal SMT Pull-open type H=1.2mm





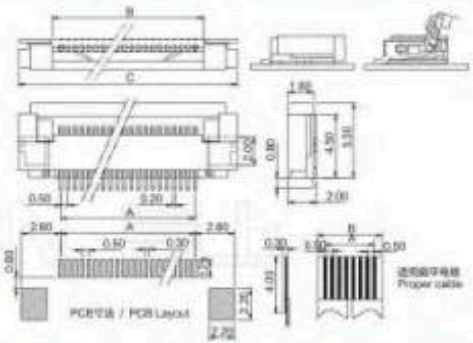
孔位 Poles	A	B	C	D
4	1.50	5.90	2.60	6.90
5	2.00	6.40	3.10	7.40
6	2.50	6.90	3.60	7.90
7	3.00	7.40	4.10	8.40
8	3.50	7.90	4.60	8.90
9	4.00	8.40	5.10	9.40
10	4.50	8.90	5.60	9.90
11	5.00	9.40	6.10	10.40
12	5.50	9.90	6.60	10.90

孔位 Poles	A	B	C	D
13	6.00	10.40	7.10	11.40
14	6.50	10.90	7.60	11.90
15	7.00	11.40	8.10	12.40
16	7.50	11.90	8.60	12.90
17	8.00	12.40	9.10	13.40
18	8.50	12.90	9.60	13.90
19	9.00	13.40	10.10	14.40
20	9.50	13.90	10.60	14.90
21	10.00	14.40	11.10	15.40

孔位 Poles	A	B	C	D
22	10.50	14.90	11.60	15.90
23	11.00	15.40	12.10	16.40
24	11.50	15.90	12.60	16.90
25	12.00	16.40	13.10	17.40
26	12.50	16.90	13.60	17.90
27	13.00	17.40	14.10	18.40
28	13.50	17.90	14.60	18.90
29	14.00	18.40	15.10	19.40
30	14.50	18.90	15.60	19.90

0.50mm FPC Connector Horizontal SMT Flip-open type





孔位 Poles	A	B	C
4	1.50	2.60	7.50
5	2.00	3.10	8.00
6	2.50	3.60	8.50
7	3.00	4.10	9.00
8	3.50	4.60	9.50
9	4.00	5.10	10.00
10	4.50	5.60	10.50
11	5.00	6.10	11.00
12	5.50	6.60	11.50

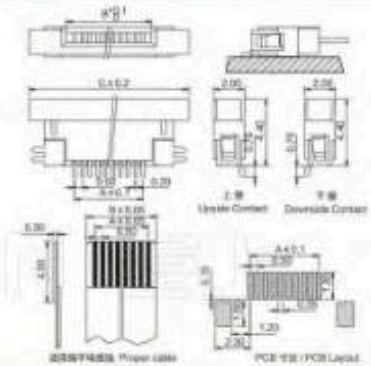
孔位 Poles	A	B	C
13	6.00	7.10	12.00
14	6.50	7.60	12.50
15	7.00	8.10	13.00
16	7.50	8.60	13.50
17	8.00	9.10	14.00
18	8.50	9.60	14.50
19	9.00	10.10	15.00
20	9.50	10.60	15.50
21	10.00	11.10	16.00

孔位 Poles	A	B	C
22	10.50	11.60	16.50
23	11.00	12.10	17.00
24	11.50	12.60	17.50
25	12.00	13.10	18.00
26	12.50	13.60	18.50
27	13.00	14.10	19.00
28	13.50	14.60	19.50
29	14.00	15.10	20.00
30	14.50	15.60	20.50

孔位 Poles	A	B	C
31	15.00	16.10	21.00
32	15.50	16.60	21.50
33	16.00	17.10	22.00
34	16.50	17.60	22.50
35	17.00	18.10	23.00
36	17.50	18.60	23.50
37	18.00	19.10	24.00
38	18.50	19.60	24.50
39	19.00	20.10	25.00
40	19.50	20.60	25.50

0.50mm FPC Connector Horizontal SMT Pull-open type





孔位 Poles	A	B	C
4	1.50	2.60	7.50
5	2.00	3.10	8.00
6	2.50	3.60	8.50
7	3.00	4.10	9.00
8	3.50	4.60	9.50
9	4.00	5.10	10.00
10	4.50	5.60	10.50
11	5.00	6.10	11.00
12	5.50	6.60	11.50

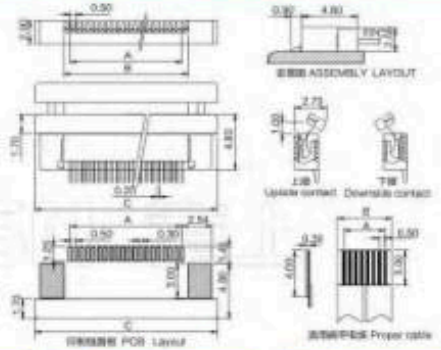
孔位 Poles	A	B	C
13	6.00	7.10	12.00
14	6.50	7.60	12.50
15	7.00	8.10	13.00
16	7.50	8.60	13.50
17	8.00	9.10	14.00
18	8.50	9.60	14.50
19	9.00	10.10	15.00
20	9.50	10.60	15.50
21	10.00	11.10	16.00

孔位 Poles	A	B	C
22	10.50	11.60	16.50
23	11.00	12.10	17.00
24	11.50	12.60	17.50
25	12.00	13.10	18.00
26	12.50	13.60	18.50
27	13.00	14.10	19.00
28	13.50	14.60	19.50
29	14.00	15.10	20.00
30	14.50	15.60	20.50

孔位 Poles	A	B	C
31	15.00	16.10	21.00
32	15.50	16.60	21.50
33	16.00	17.10	22.00
34	16.50	17.60	22.50
35	17.00	18.10	23.00
36	17.50	18.60	23.50
37	18.00	19.10	24.00
38	18.50	19.60	24.50
39	19.00	20.10	25.00
40	19.50	20.60	25.50

0.50mm FPC Connector Horizontal SMT Flip-open type





孔位 Poles	A	B	C
4	1.50	2.60	7.50
5	2.00	3.10	8.00
6	2.50	3.60	8.50
7	3.00	4.10	9.00
8	3.50	4.60	9.50
9	4.00	5.10	10.00
10	4.50	5.60	10.50
11	5.00	6.10	11.00
12	5.50	6.60	11.50

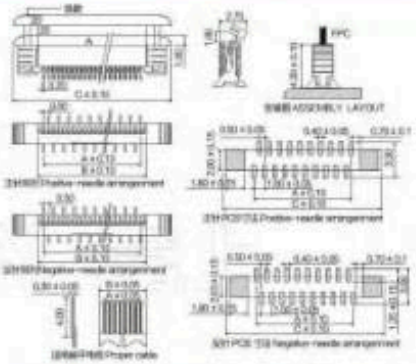
孔位 Poles	A	B	C
13	6.00	7.10	12.00
14	6.50	7.60	12.50
15	7.00	8.10	13.00
16	7.50	8.60	13.50
17	8.00	9.10	14.00
18	8.50	9.60	14.50
19	9.00	10.10	15.00
20	9.50	10.60	15.50
21	10.00	11.10	16.00

孔位 Poles	A	B	C
22	10.50	11.60	16.50
23	11.00	12.10	17.00
24	11.50	12.60	17.50
25	12.00	13.10	18.00
26	12.50	13.60	18.50
27	13.00	14.10	19.00
28	13.50	14.60	19.50
29	14.00	15.10	20.00
30	14.50	15.60	20.50

孔位 Poles	A	B	C
31	15.00	16.10	21.00
32	15.50	16.60	21.50
33	16.00	17.10	22.00
34	16.50	17.60	22.50
35	17.00	18.10	23.00
36	17.50	18.60	23.50
37	18.00	19.10	24.00
38	18.50	19.60	24.50
39	19.00	20.10	25.00
40	19.50	20.60	25.50

0.50mm FPC Connector Vertical SMT Flip-open type





孔位 Poles	A	B	C
4	1.50	2.00	7.50
5	2.00	3.10	8.00
6	2.50	3.60	8.50
7	3.00	4.10	9.00
8	3.50	4.60	9.50
9	4.00	5.10	10.00
10	4.50	5.60	10.50
11	5.00	6.10	11.00
12	5.50	6.60	11.50

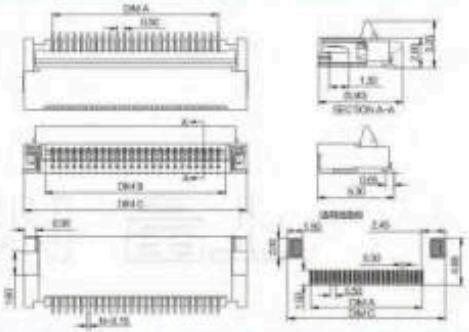
孔位 Poles	A	B	C
13	6.00	7.10	12.00
14	6.50	7.60	12.50
15	7.00	8.10	13.00
16	7.50	8.60	13.50
17	8.00	9.10	14.00
18	8.50	9.60	14.50
19	9.00	10.10	15.00
20	9.50	10.60	15.50
21	10.00	11.10	16.00

孔位 Poles	A	B	C
22	10.50	11.60	16.50
23	11.00	12.10	17.00
24	11.50	12.60	17.50
25	12.00	13.10	18.00
26	12.50	13.60	18.50
27	13.00	14.10	19.00
28	13.50	14.60	19.50
29	14.00	15.10	20.00
30	14.50	15.00	20.50

孔位 Poles	A	B	C
31	15.00	16.10	21.00
32	15.50	16.60	21.50
33	16.00	17.10	22.00
34	16.50	17.60	22.50
35	17.00	18.10	23.00
36	17.50	18.60	23.50
37	18.00	19.10	24.00
38	18.50	19.60	24.50
39	19.00	20.10	25.00
40	19.50	20.60	25.50

0.50mm FPC Connector Horizontal SMT Flip-open type





POS	A	B	C
04P	1.50	2.52	5.55
05P	2.00	3.02	6.05
06P	2.50	3.52	6.55
07P	3.00	4.02	7.05
08P	3.50	4.52	7.55
09P	4.00	5.02	8.05
10P	4.50	5.52	8.55
11P	5.00	6.02	9.05
12P	5.50	6.52	9.55
13P	6.00	7.02	10.05
14P	6.50	7.52	10.55
15P	7.00	8.02	11.05

POS	A	B	C
16P	7.50	8.52	11.55
17P	8.00	9.02	12.05
18P	8.50	9.52	12.55
19P	9.00	10.02	13.05
20P	9.50	10.52	13.55
21P	10.00	11.02	14.05
22P	10.50	11.52	14.55
23P	11.00	12.02	15.05
24P	11.50	12.52	15.55
25P	12.00	13.02	16.05
26P	12.50	13.52	16.55
27P	13.00	14.02	17.05

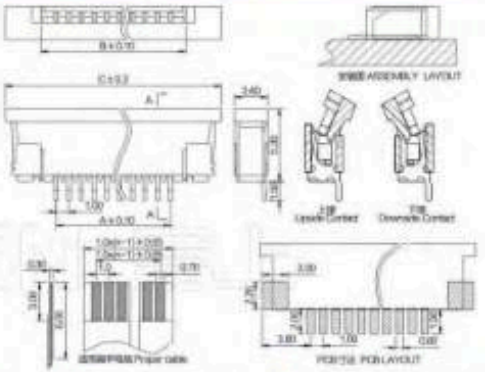
POS	A	B	C
28P	13.50	14.52	17.55
29P	14.00	15.02	18.05
30P	14.50	15.52	18.55
31P	15.00	16.02	19.05
32P	15.50	16.52	19.55
33P	16.00	17.02	20.05
34P	16.50	17.52	20.55
35P	17.00	18.02	21.05
36P	17.50	18.52	21.55
37P	18.00	19.02	22.05
38P	18.50	19.52	22.55
39P	19.00	20.02	23.05

POS	A	B	C
40P	19.50	20.52	23.55
41P	20.00	21.02	24.05
42P	20.50	21.52	24.55
43P	21.00	22.02	25.05
44P	21.50	22.52	25.55
45P	22.00	23.02	26.05
46P	22.50	23.52	26.55
47P	23.00	24.02	27.05
48P	23.50	24.52	27.55
49P	24.00	25.02	28.05
50P	24.50	25.52	28.55
51P	25.00	26.02	29.05

POS	A	B	C
52P	25.50	26.52	29.55
53P	26.00	27.02	30.05
54P	26.50	27.52	30.55
55P	27.00	28.02	31.05
56P	27.50	28.52	31.55
57P	28.00	29.02	32.05
58P	28.50	29.52	32.55
59P	29.00	30.02	33.05
60P	29.50	30.52	33.55

1.0mm FPC Connector Horizontal SMT Flip-open type





孔位 Poles	A	B	C
4	3.00	5.10	11.00
5	4.00	6.10	12.00
6	5.00	7.10	13.00
7	6.00	8.10	14.00
8	7.00	9.10	15.00
9	8.00	10.10	16.00
10	9.00	11.10	17.00
11	10.00	12.10	18.00
12	11.00	13.10	19.00

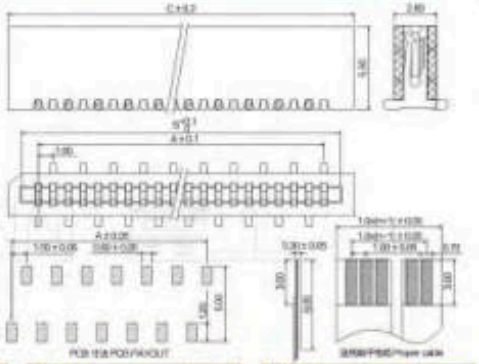
孔位 Poles	A	B	C
13	12.00	14.10	20.00
14	13.00	15.10	21.00
15	14.00	16.10	22.00
16	15.00	17.10	23.00
17	16.00	18.10	24.00
18	17.00	9.10	25.00
19	18.00	20.10	26.00
20	19.00	21.10	27.00
21	20.00	22.10	28.00

孔位 Poles	A	B	C
22	21.00	23.10	29.00
23	22.00	24.10	30.00
24	23.00	25.10	31.00
25	24.00	26.10	32.00
26	25.00	27.10	33.00
27	26.00	28.10	34.00
28	27.00	29.10	35.00
29	28.00	30.10	36.00
30	29.00	31.10	37.00

孔位 Poles	A	B	C
31	30.00	32.10	38.00
32	31.00	33.10	39.00
33	32.00	34.10	40.00
34	33.00	35.10	41.00
35	34.00	36.10	42.00
36	35.00	37.10	43.00
37	36.00	38.10	44.00
38	37.00	39.10	45.00
39	38.00	40.10	46.00
40	39.00	41.10	47.00

1.0mm FPC Connector Vertical SMT No-Lock Type





孔位 Poles	A	B	C
4	3.00	7.50	5.10
5	4.00	8.50	6.10
6	5.00	9.50	7.10
7	6.00	10.50	8.10
8	7.00	11.50	9.10
9	8.00	12.50	10.10
10	9.00	13.50	11.10
11	10.00	14.50	12.10
12	11.00	15.50	13.10

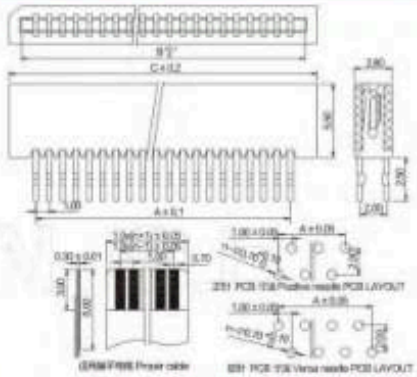
孔位 Poles	A	B	C
13	12.00	16.50	14.10
14	13.00	17.50	15.10
15	14.00	18.50	16.10
16	15.00	19.50	17.10
17	16.00	20.50	18.10
18	17.00	21.50	19.10
19	18.00	22.50	20.10
20	19.00	23.50	21.10
21	20.00	24.50	22.10

孔位 Poles	A	B	C
22	21.00	25.50	23.10
23	22.00	26.50	24.10
24	23.00	27.50	25.10
25	24.00	28.50	26.10
26	25.00	29.50	27.10
27	26.00	30.50	28.10
28	27.00	31.50	29.10
29	28.00	32.50	30.10
30	29.00	33.50	31.10

孔位 Poles	A	B	C
31	30.00	34.50	32.10
32	31.00	35.50	33.10
33	32.00	36.50	34.10
34	33.00	37.50	35.10
35	34.00	38.50	36.10
36	35.00	39.50	37.10
37	36.00	40.50	38.10
38	37.00	41.50	39.10
39	38.00	42.50	40.10
40	39.00	43.50	41.10

1.0mm FPC Connector 180°DIP No-Lock Type





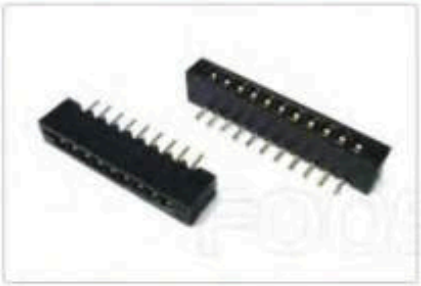
孔位 Poles	A	B	C	D
2	1.00	3.10	6.85	8.02
3	2.00	4.10	7.85	9.02
4	3.00	5.10	8.85	10.02
5	4.00	6.10	9.85	11.02
6	5.00	7.10	10.85	12.02
	6.00	8.10	11.85	13.02

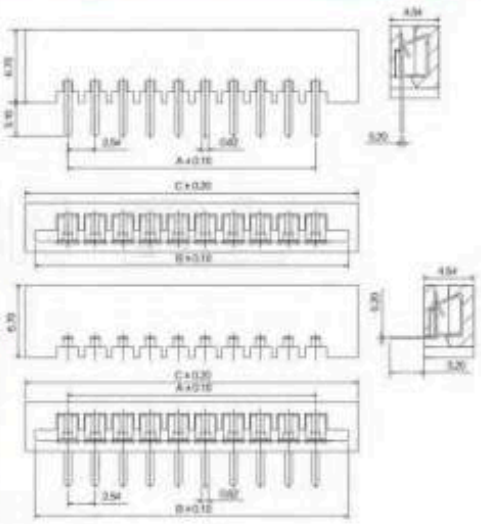
孔位 Poles	A	B	C	D
8	7.00	9.10	12.85	14.02
9	8.00	10.10	13.85	15.02
10	9.00	11.10	14.85	16.02
11	10.00	12.10	15.85	17.02
12	11.00	13.10	16.85	18.02
13	12.00	14.10	17.85	19.02

孔位 Poles	A	B	C	D
14	13.00	15.10	18.85	20.02
15	14.00	16.10	19.80	21.02
16	15.00	17.10	20.85	22.02
17	16.00	18.10	21.85	23.02
18	17.00	19.10	22.85	24.02
19	18.00	20.10	23.85	25.02

孔位 Poles	A	B	C	D
20	19.00	21.10	24.85	26.02
21	20.00	22.10	25.85	27.02
22	21.00	23.10	26.85	28.02
23	22.00	24.10	27.85	29.02
24	23.00	25.10	28.85	30.02
25	24.00	26.10	29.85	31.02

2.54mm FPC Connector 90° & 180° / DIP Type



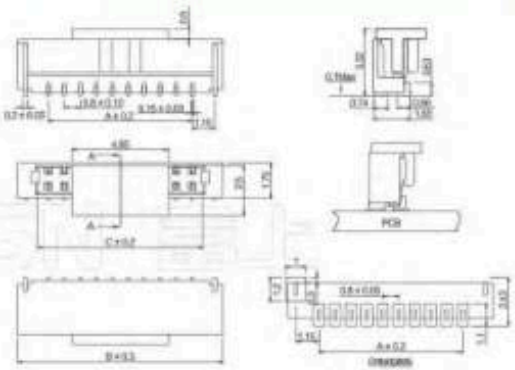


孔位 Poles	A	B	C
3	5.08	11.06	12.86
4	7.62	13.60	15.40
5	10.16	16.14	17.94
6	12.70	18.68	20.48
7	15.24	21.22	23.02
8	17.78	23.76	25.56
9	20.32	26.30	28.10
10	22.86	28.84	30.64
11	25.40	31.38	33.18
12	27.98	33.92	35.72

孔位 Poles	A	B	C
13	30.48	36.46	38.26
14	33.02	39.00	40.80
15	35.56	41.54	43.34
16	38.10	44.08	45.88
17	40.64	46.62	48.42
18	43.18	49.16	50.96
19	45.72	51.70	53.50
20	48.26	54.24	56.04
21	50.80	56.78	58.58

0.8mm Wafer Connector 90° SMT Type





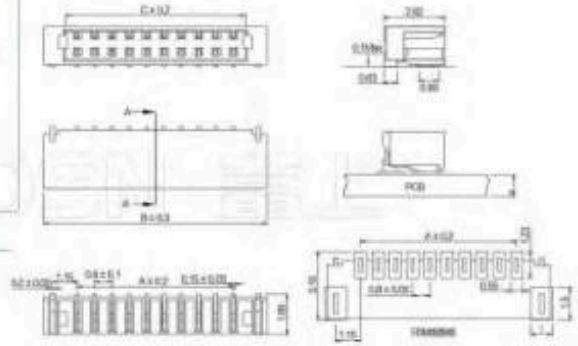
SPECIFICATION:

Rated Current: 0.5A AC/DC
Rated Voltage: 50V AC/DC
Withstand Voltage: 500V AC/minute
Contact Resistance: ≤20mΩ Max
Insulation Resistance: ≥100mΩ Min
Temperature: - 25~+85℃

孔位 Poles	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.4	7.2	8.0	8.80	9.60	10.40	11.20	12.00	12.80	13.60	14.40	15.20
B	3.00	4.70	5.50	6.30	7.10	7.90	8.70	9.50	10.30	11.10	11.90	12.70	13.50	14.30	15.10	15.90	16.70	17.50	18.30
C	1.90	2.70	3.50	4.30	5.10	5.90	6.70	7.50	8.30	9.10	9.90	10.70	11.50	12.30	13.10	13.90	14.70	15.50	16.30

0.8mm Wafer Connector 180° SMT Type





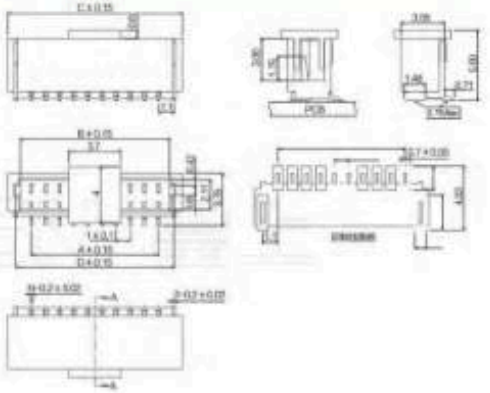
SPECIFICATION:

Rated Current: 0.5A AC/DC
Rated Voltage: 50V AC/DC
Withstand Voltage: 500V AC/minute
Contact Resistance: ≤20mΩ Max
Insulation Resistance: ≥100mΩ Min
Temperature: - 25~+85℃

孔位 Poles	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.4	7.2	8.0	8.80	9.60	10.40	11.20	12.00	12.80	13.60	14.40	15.20
B	3.00	4.70	5.50	6.30	7.10	7.90	8.70	9.50	10.30	11.10	11.90	12.70	13.50	14.30	15.10	15.90	16.70	17.50	18.30
C	1.90	2.70	3.50	4.30	5.10	5.90	6.70	7.50	8.30	9.10	9.90	10.70	11.50	12.30	13.10	13.90	14.70	15.50	16.30

1.0mm Wafer Connector 90° SMT Type





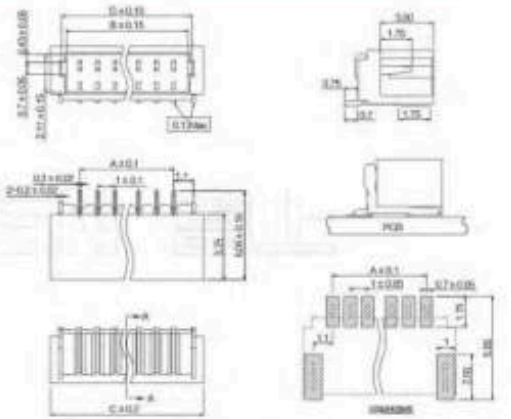
SPECIFICATION:

Rated Current: 0.5A AC/DC
Rated Voltage: 50V AC/DC
Withstand Voltage: 500V AC/minute
Contact Resistance: ≤20mΩ Max
Insulation Resistance: ≥100mΩ Min
Temperature: – 25~+85℃

孔位 Poles	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0
B	2.5	3.6	4.5	5.5	6.5	7.6	8.5	9.6	10.5	11.6	12.6	13.6	14.6	15.6	16.6
C	4.3	5.3	6.3	7.3	8.3	9.3	10.3	11.3	12.3	13.3	14.3	15.3	16.3	17.3	18.3
D	3.2	4.2	5.2	6.2	7.2	8.2	9.2	10.2	11.2	12.2	13.2	14.2	15.2	16.2	17.2

1.0mm Wafer Connector 180° SMT Type





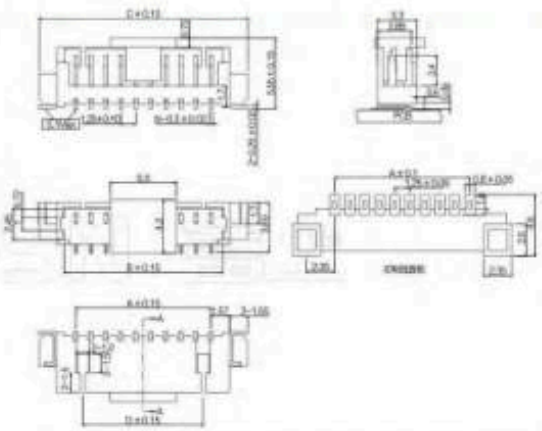
SPECIFICATION:

Rated Current: 0.5A AC/DC
Rated Voltage: 50V AC/DC
Withstand Voltage: 500V AC/minute
Contact Resistance: ≤20mΩ Max
Insulation Resistance: ≥100mΩ Min
Temperature: – 25~+85℃

孔位 Poles	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0
B	2.5	3.6	4.5	5.5	6.5	7.6	8.5	9.6	10.5	11.6	12.6	13.6	14.6	15.6	16.6
C	4.3	5.3	6.3	7.3	8.3	9.3	10.3	11.3	12.3	13.3	14.3	15.3	16.3	17.3	18.3
D	3.2	4.2	5.2	6.2	7.2	8.2	9.2	10.2	11.2	12.2	13.2	14.2	15.2	16.2	17.2

1.25mm Wafer Connector 90° SMT Type





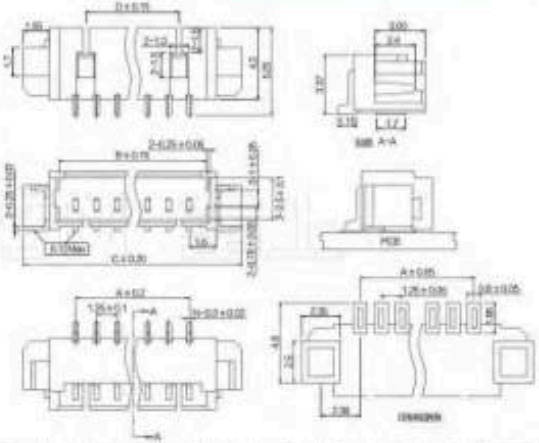
SPECIFICATION:

Rated Current: 1.0A AC/DC
Rated Voltage: 125V AC/DC
Withstand Voltage: 500V AC/minute
Contact Resistance: ≤20mΩ Max
Insulation Resistance: ≥500mΩ Min
Temperature: – 25~+85℃

孔位 Poles	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	1.25	2.50	3.75	5.00	6.25	7.50	8.75	10.00	11.25	12.50	13.75	15.00	16.25	17.50	18.75
B	3.10	4.35	5.60	6.85	8.10	9.35	10.60	11.85	13.10	14.35	15.60	16.85	18.10	19.35	20.60
C	3.10	4.35	5.60	6.85	8.10	13.00	14.00	16.10	17.35	18.00	19.85	21.10	22.35	23.60	24.85
D	/	/	2.50	3.75	5.00	6.25	7.50	8.75	10.00	11.25	12.50	13.75	15.00	16.25	17.50

1.25mm Wafer Connector 180° SMT Type





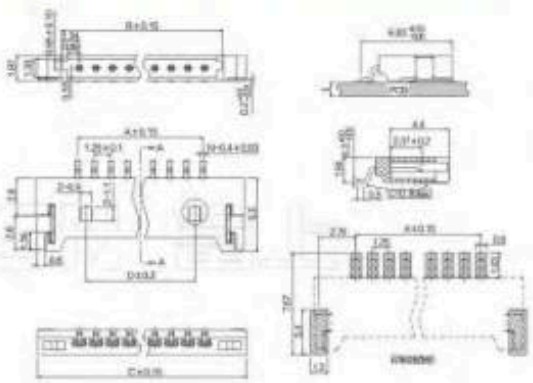
SPECIFICATION:

Rated Current: 1.0A AC/DC
Rated Voltage: 125V AC/DC
Withstand Voltage: 500V AC/minute
Contact Resistance: ≤20mΩ Max
Insulation Resistance: ≥500mΩ Min
Temperature: – 25~+85℃

孔位 Poles	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	1.25	2.50	3.75	5.00	6.25	7.50	8.75	10.00	11.25	12.50	13.75	15.00	16.25	17.50	18.75
B	3.10	4.35	5.60	6.85	8.10	9.35	10.60	11.85	13.10	14.35	15.60	16.85	18.10	19.35	20.60
C	7.50	8.80	10.00	11.30	12.60	13.80	15.00	16.30	17.60	18.80	20.10	21.10	22.55	23.80	25.05
D	/	/	2.50	3.75	5.00	6.25	7.50	8.75	10.00	11.25	12.50	13.75	15.00	16.25	17.50

1.25mm Wafer Connector 180° SMT Ultrathin Type





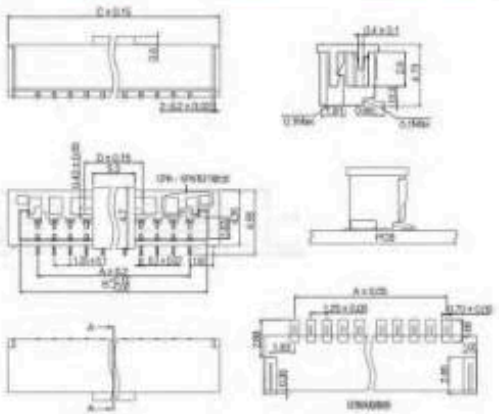
SPECIFICATION:

Rated Current: 1.0A AC/DC
Rated Voltage: 125V AC/DC
Withstand Voltage: 500V AC/minute
Contact Resistance: ≤20mΩ Max
Insulation Resistance: ≥100mΩ Min
Temperature: – 25~+85℃

孔位 Poles	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	1.25	2.50	3.75	5.00	6.25	7.50	8.75	10.0	11.25	12.50	13.75	15.00	16.25	17.50	18.75
B	3.90	5.15	6.40	7.65	8.90	10.15	11.40	12.65	13.90	15.15	16.40	17.65	18.90	20.15	21.40
C	7.50	8.75	10.00	11.25	12.50	13.75	15.00	16.25	17.50	18.75	20.00	21.25	22.50	23.75	25.00
D	/	/	2.50	3.75	5.00	6.25	7.50	8.75	10.0	11.25	12.50	13.75	15.00	16.25	17.50

1.25mm GH-Wafer Connector 90° SMT Type





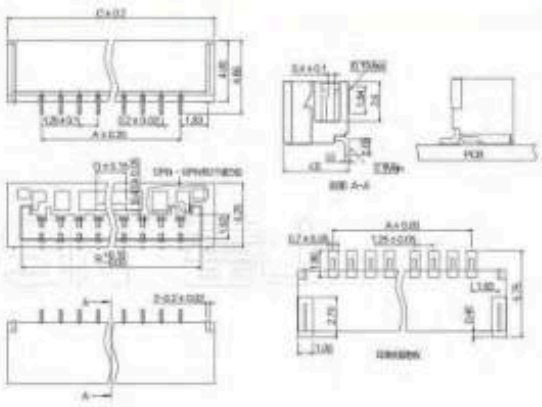
SPECIFICATION:

Rated Current: 1.0A AC/DC
Rated Voltage: 50V AC/DC
Withstand Voltage: 500V AC/minute
Contact Resistance: ≤20mΩ Max
Insulation Resistance: ≥500mΩ Min
Temperature: – 25~+85℃

孔位 Poles	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	1.25	2.50	3.75	5.00	6.25	7.50	8.75	10.0	11.25	12.50	13.75	15.00	16.25	17.50	18.75
B	3.85	5.10	6.35	7.60	8.85	10.10	11.35	12.60	13.85	15.10	16.35	17.60	18.85	20.10	21.35
C	5.80	7.05	8.30	9.55	10.80	12.05	13.30	14.55	15.80	17.05	18.30	19.55	20.80	22.05	23.30
D	0.50	1.75	2.00	3.26	4.52	4.50	4.50	4.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50

1.25mm GH-Wafer Connector 180° SMT Type





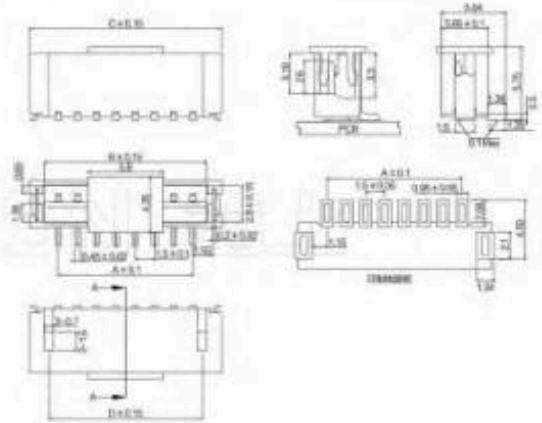
SPECIFICATION:

Rated Current: 1.0A AC/DC
Rated Voltage: 50V AC/DC
Withstand Voltage: 500V AC/minute
Contact Resistance: ≤20mΩ Max
Insulation Resistance: ≥500mΩ Min
Temperature: – 25~+85℃

孔位 Poles	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	1.25	2.50	3.75	5.00	6.25	7.50	8.75	10.0	11.25	12.50	13.75	15.00	16.25	17.50	18.75
B	3.85	5.10	6.35	7.60	8.85	10.10	11.35	12.60	13.85	15.10	16.35	17.60	18.85	20.10	21.35
C	5.80	7.05	8.30	9.55	10.80	12.05	13.30	14.55	15.80	17.05	18.30	19.55	20.80	22.05	23.30
D	0.50	1.75	2.00	3.26	4.52	4.50	4.50	4.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50

1.5mm Wafer Connector 90° SMT Type





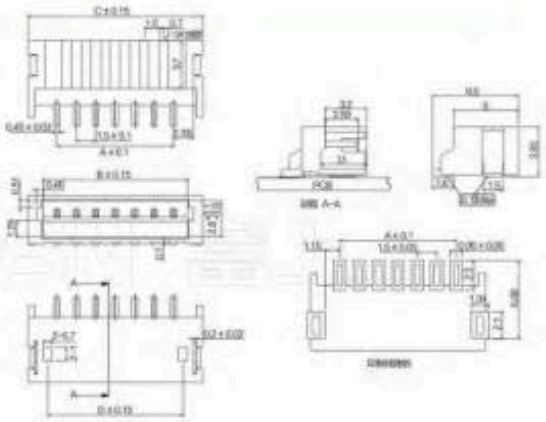
SPECIFICATION:

Rated Current: 1.0A AC/DC
Rated Voltage: 125V AC/DC
Withstand Voltage: 500V AC/minute
Contact Resistance: ≤20mΩ Max
Insulation Resistance: ≥500mΩ Min
Temperature: – 25~+85℃

孔位 Poles	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	1.5	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0	16.5	18.0	19.5	21.0	22.5
B	3.66	5.16	6.66	8.16	9.66	11.16	12.66	14.16	15.66	17.16	18.66	20.16	21.66	23.16	24.66
C	6.02	7.52	9.02	10.52	12.02	13.52	15.02	16.52	18.02	19.52	21.02	22.52	24.02	25.52	27.02
D	2.96	4.46	5.96	7.46	8.96	10.46	11.96	13.46	14.96	16.46	17.96	19.46	20.96	22.46	23.96

1.5mm Wafer Connector 180° SMT Type





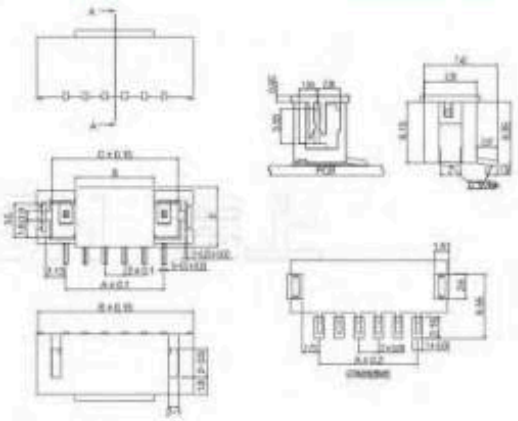
SPECIFICATION:

Rated Current: 1.0A AC/DC
Rated Voltage: 125V AC/DC
Withstand Voltage: 500V AC/minute
Contact Resistance: ≤20mΩ Max
Insulation Resistance: ≥500mΩ Min
Temperature: – 25~+85℃

孔位 Poles	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	1.5	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0	16.5	18.0	19.5	21.0	22.5
B	3.66	5.16	6.66	8.16	9.66	11.16	12.66	14.16	15.66	17.16	18.66	20.16	21.66	23.16	24.66
C	6.02	7.52	9.02	10.52	12.02	13.52	15.02	16.52	18.02	19.52	21.02	22.52	24.02	25.52	27.02
D	2.96	4.46	5.96	7.46	8.96	10.46	11.96	13.46	14.96	16.46	17.96	19.46	20.96	22.46	23.96

2.0mm Wafer Connector 90° SMT Type





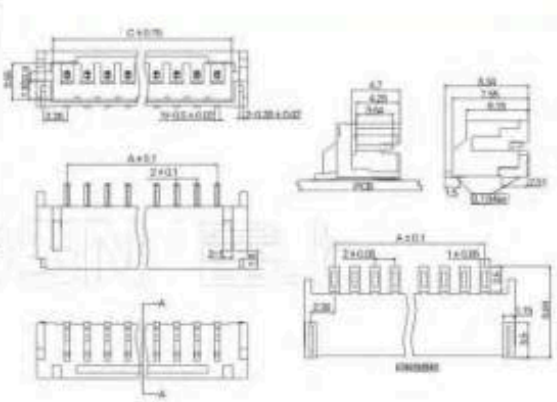
SPECIFICATION:

Rated Current: 2.0A AC/DC
Rated Voltage: 250V AC/DC
Withstand Voltage: 1000V AC/minute
Contact Resistance: ≤20mΩ Max
Insulation Resistance: ≥1000mΩ Min
Temperature: – 25~+85℃

孔位 Poles	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0	22.0	24.0	26.0	28.0	30.0
B	7.90	9.90	11.90	13.90	15.90	17.90	19.90	21.90	23.90	25.90	27.90	29.90	31.90	33.90	35.90
C	4.85	6.85	8.85	10.85	12.85	14.85	16.85	18.85	20.85	22.85	24.85	26.85	28.85	30.85	32.85

2.0mm Wafer Connector 180° SMT Type





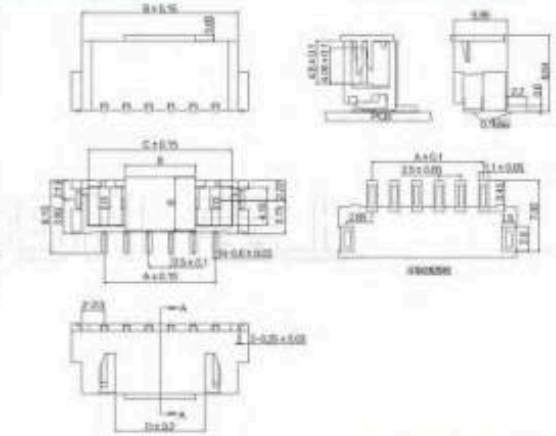
SPECIFICATION:

Rated Current: 2.0A AC/DC
Rated Voltage: 250V AC/DC
Withstand Voltage: 1000V AC/minute
Contact Resistance: ≤20mΩ Max
Insulation Resistance: ≥1000mΩ Min
Temperature: – 25~+85℃

孔位 Poles	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0	22.0	24.0	26.0	28.0	30.0
B	7.90	9.90	11.90	13.90	15.90	17.90	19.90	21.90	23.90	25.90	27.90	29.90	31.90	33.90	35.90
C	4.85	6.85	8.85	10.85	12.85	14.85	16.85	18.85	20.85	22.85	24.85	26.85	28.85	30.85	32.85

2.5mm Wafer Connector 90° SMT Type





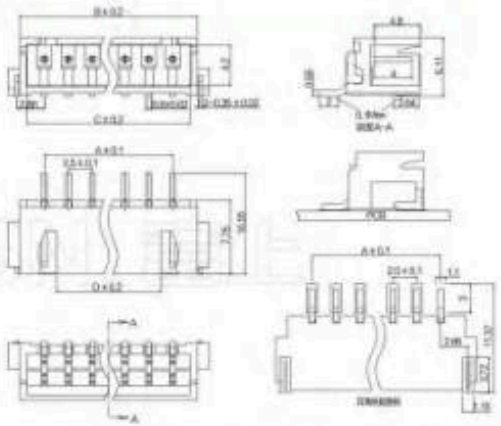
SPECIFICATION:

Rated Current: 3.0A AC/DC
Rated Voltage: 250V AC/DC
Withstand Voltage: 1000V AC/minute
Contact Resistance: ≤20mΩ Max
Insulation Resistance: ≥1000mΩ Min
Temperature: – 25~+85℃

孔位 Poles	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	2.50	5.00	7.50	10.00	12.50	15.00	17.50	20.00	22.50	25.00	27.50	30.00	32.50	35.00	37.50
B	7.50	10.0	12.50	15.0	17.50	20.0	22.5	25.0	27.50	30.0	32.50	35.00	37.50	40.00	42.50
C	6.00	8.50	11.00	13.50	16.00	18.50	21.00	23.50	26.00	28.50	31.00	33.50	36.00	38.50	41.00
D	3.60	2.50	5.00	7.50	10.00	12.50	15.00	17.50	20.00	22.50	25.00	27.50	30.00	32.50	35.00

2.5mm Wafer Connector 180° SMT Type





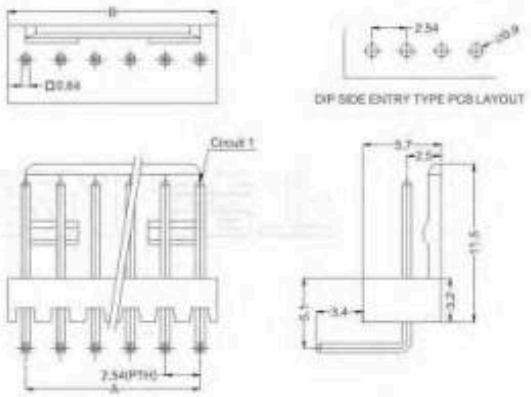
SPECIFICATION:

Rated Current: 3.0A AC/DC
Rated Voltage: 250V AC/DC
Withstand Voltage: 1000V AC/minute
Contact Resistance: ≤20mΩ Max
Insulation Resistance: ≥1000mΩ Min
Temperature: – 25~+85℃

孔位 Poles	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	2.50	5.00	7.50	10.00	12.50	15.00	17.50	20.00	22.50	25.00	27.50	30.00	32.50	35.00	37.50
B	7.50	10.0	12.50	15.0	17.50	20.0	22.5	25.0	27.50	30.0	32.50	35.00	37.50	40.00	42.50
C	6.00	8.50	11.00	13.50	16.00	18.50	21.00	23.50	26.00	28.50	31.00	33.50	36.00	38.50	41.00
D	3.65	2.50	5.00	7.50	10.00	12.50	15.00	17.50	20.00	22.50	25.00	27.50	30.00	32.50	35.00

2.54mm Wafer Connector 90° DIP Type





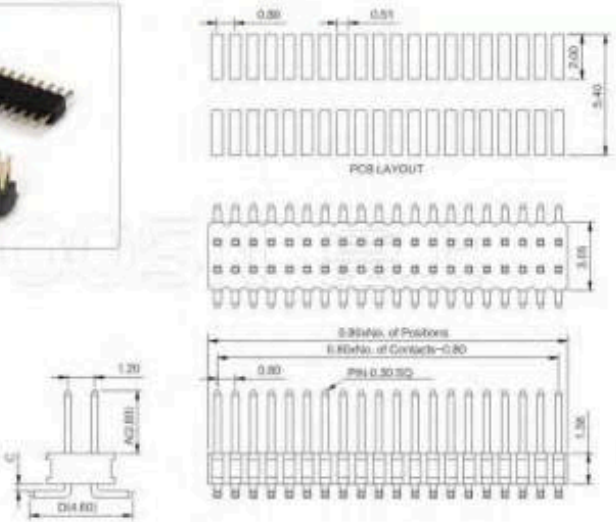
SPECIFICATION:

Rated Current: 3.0A AC/DC
Rated Voltage: 250V AC/DC
Withstand Voltage: 1000V AC/minute
Contact Resistance: ≤20mΩ Max
Insulation Resistance: ≥1000mΩ Min
Temperature: – 25~+105℃

孔位 Poles	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	2.54	5.08	7.62	10.16	12.70	15.24	17.78	20.32	22.86	25.40	27.94	30.48	33.02	35.56	38.10
B	5.08	7.62	10.16	12.70	15.24	17.78	20.32	22.86	25.40	27.94	30.48	33.02	35.56	38.10	40.64

0.8mm Pin Header 1xnP & 2xnP 90°/ SMT Type



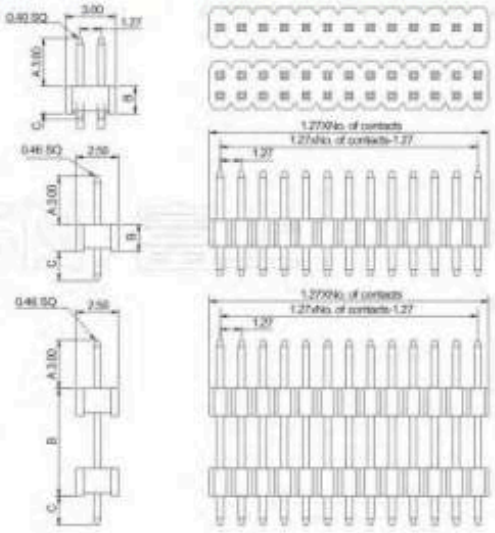


1.0mm Pin Header 1xnP & 2xnP/ 90°& 180°/DIP & SMT Type



1.27mm Pin Header 1xnP & 2xnP/ 180°DIP Type





1.27mm Pin Header 1xnP & 2xnP/ 90°SMT Type



2.0mm Pin Header 1xnP & 2xnP/ 180°DIP Type

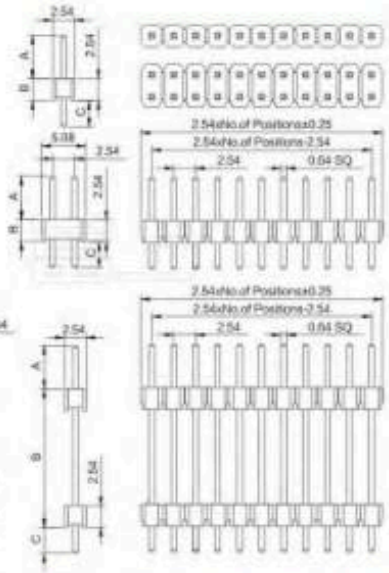


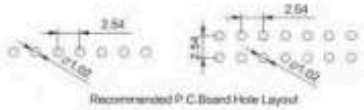
2.0mm Pin Header 1xnP & 2xnP/ 90°DIP Type



2.54mm Pin Header 1xnP & 2xnP/ 180°DIP Type

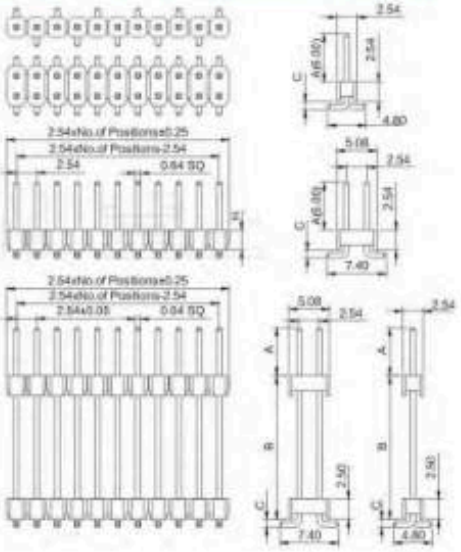


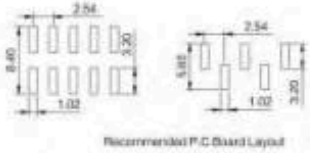




2.54mm Pin Header 1xnP & 2xnP/ 90°DIP Type



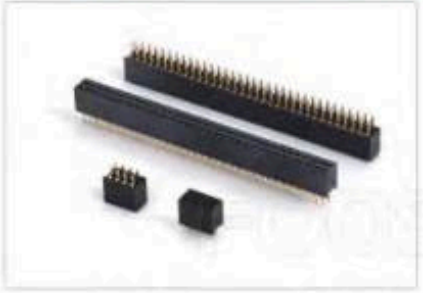


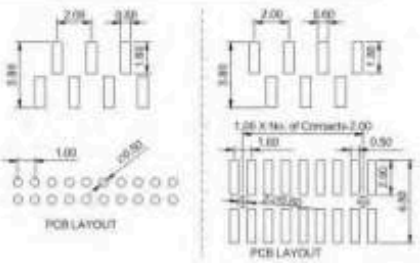


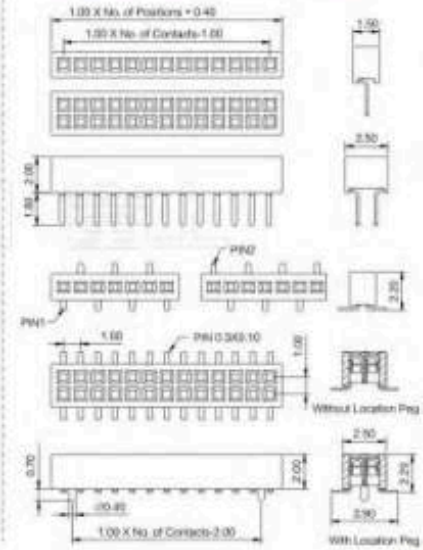
0.8mm Female Header 2xnP SMT Type



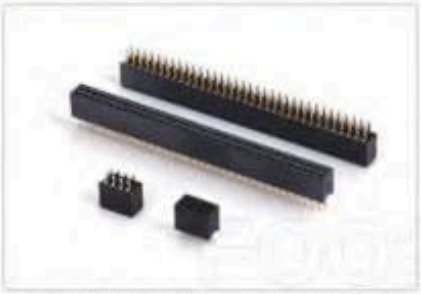
1.0mm Female Header 1xnP & 2xnP/ DIP & SMT Type

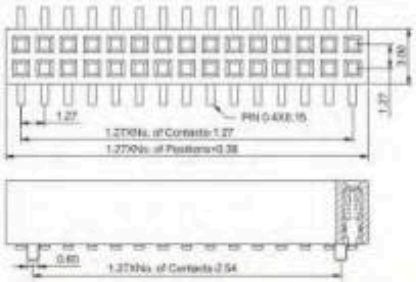


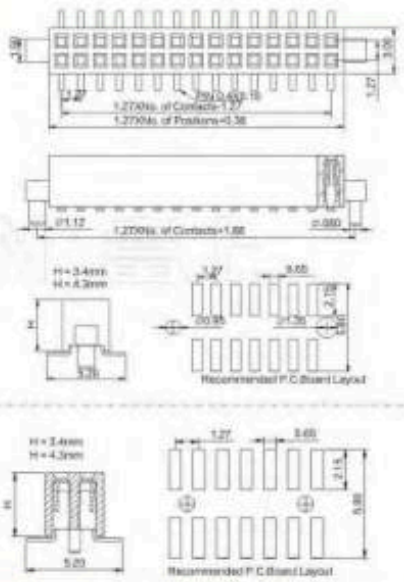




1.27mm Female Header 2xnP SMT Type

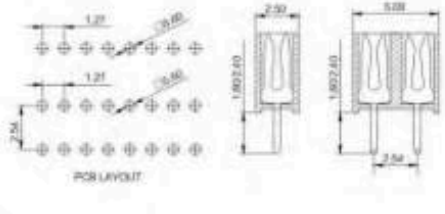


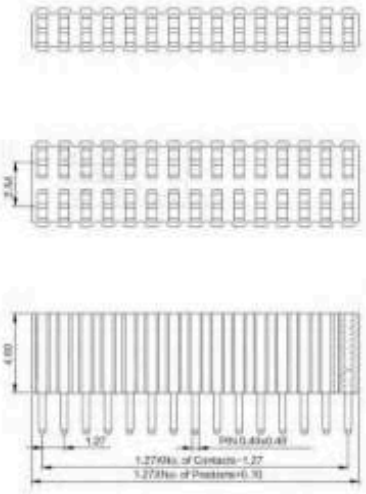




1.27mm Female Header 1xnP & 2xnP/ DIP Type

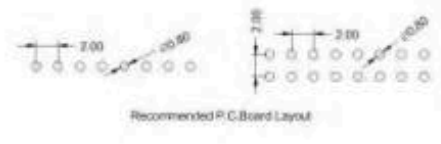


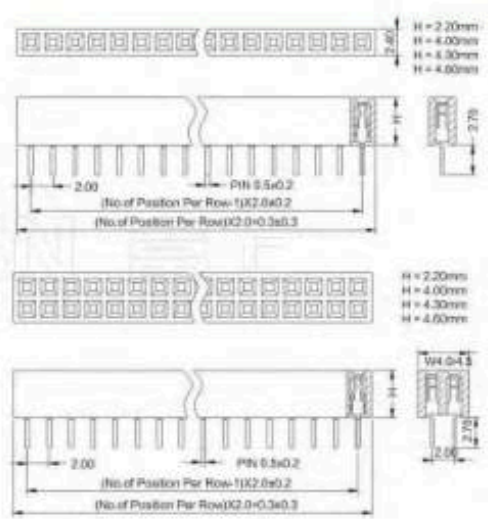




2.0mm Female Header 1xnP & 2xnP/ DIP Type

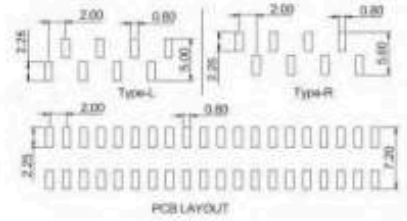


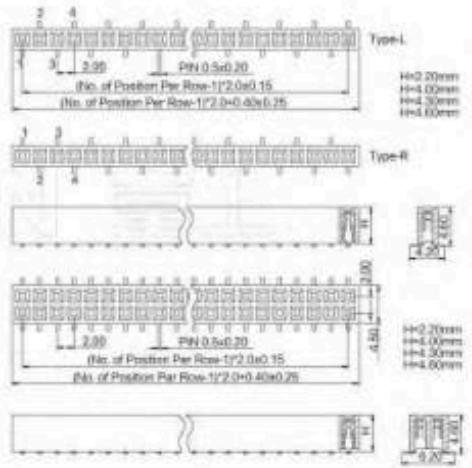




2.0mm Female Header 1xnP & 2xnP/ SMT Type

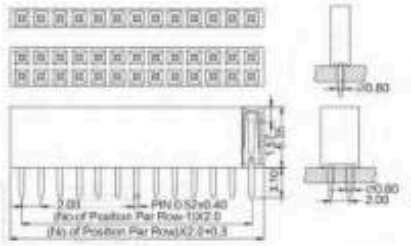


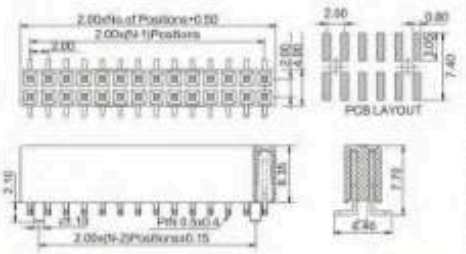


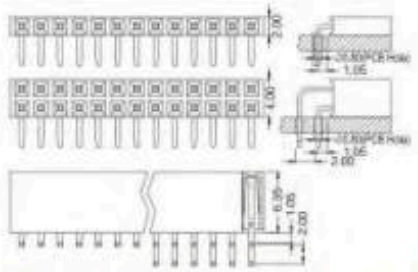


2.0mm Female Header 1xnP & 2xnP/ 90°& 180°/ DIP & SMT Type





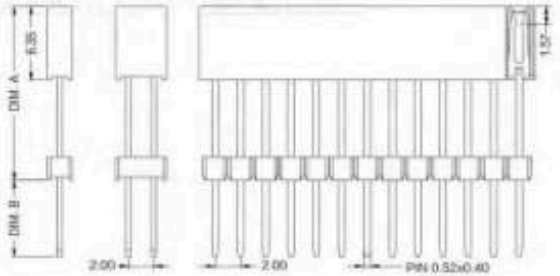




2.0mm Female Header 1xnP & 2xnP/ 180° DIP Type Lengthened

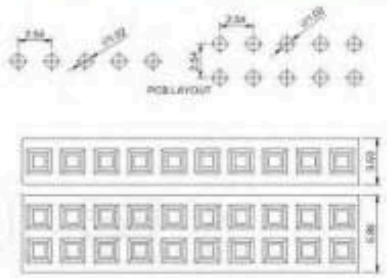


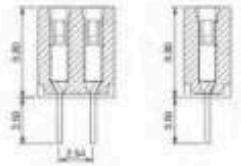
Dim.A	Dim.B
8.35mm	3.25mm
12.3mm	3.25mm
16.4mm	3.25mm
18.4mm	3.20mm
15.0mm	6.60mm

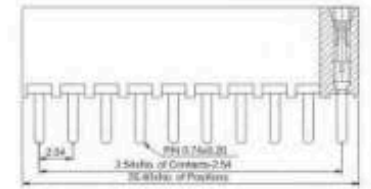


2.54mm Female Header 1xnP & 2xnP/ 180° DIP Type



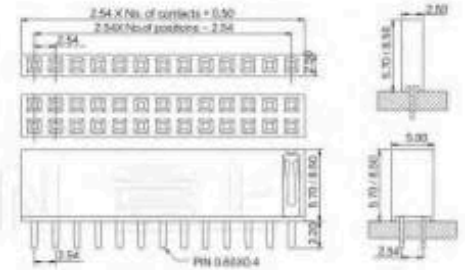


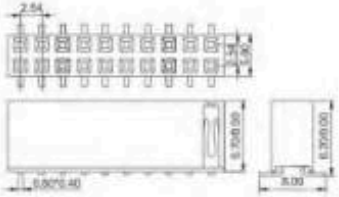


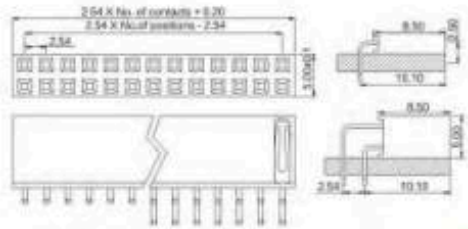


2.54mm Female Header 1xnP & 2xnP/ 90°& 180°/ DIP & SMT Type



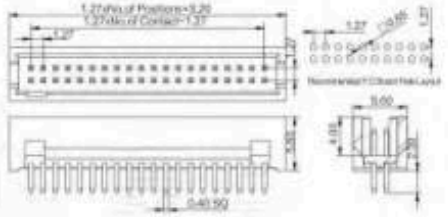


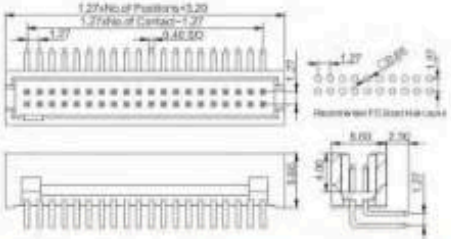


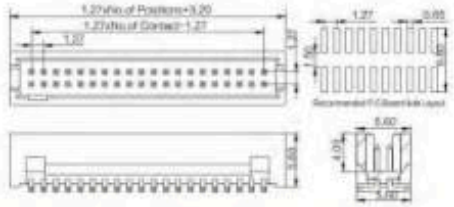


1.27mm*1.27mm Box Header 2xNP 90°& 180°/ DIP & SMT Type



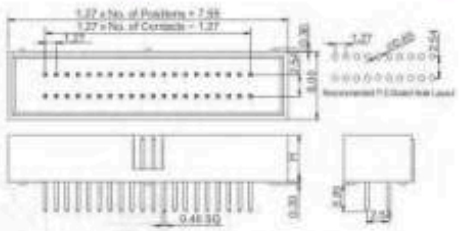


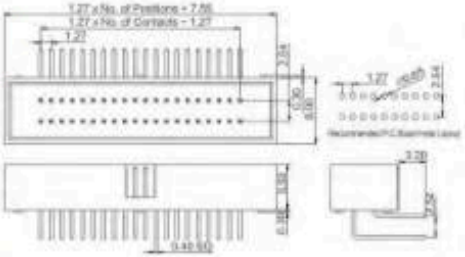


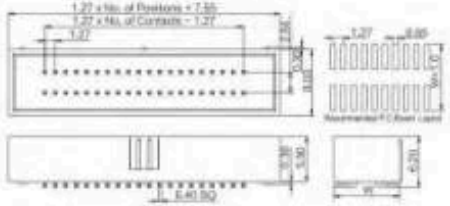


1.27mm*2.54mm Box Header 2xNP 90°& 180°/ DIP & SMT Type



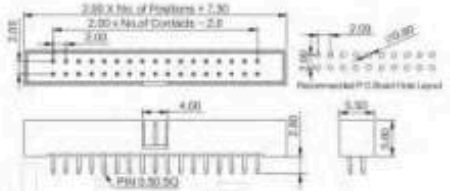


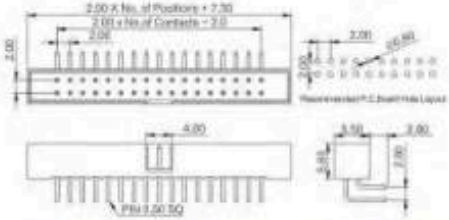


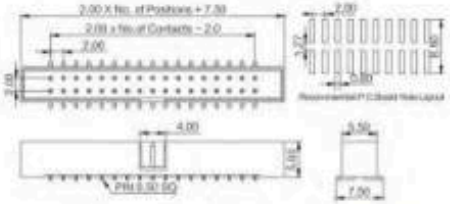


2.0mm*2.0mm Box Header 2xNP 90°& 180°/ DIP & SMT Type



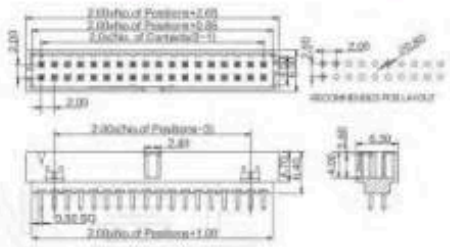


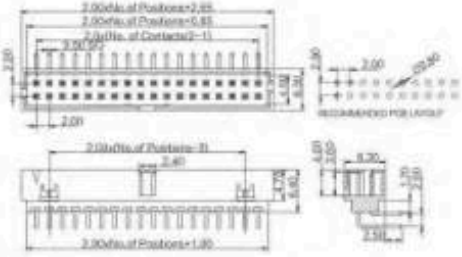


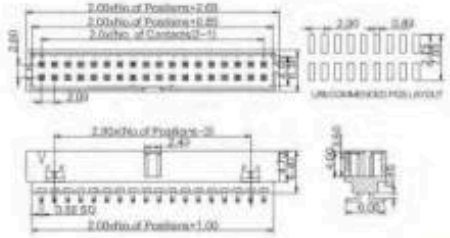


2.0mm*2.0mm Box Header 2xNP 90°& 180°/ DIP & SMT Type MOLEX Type



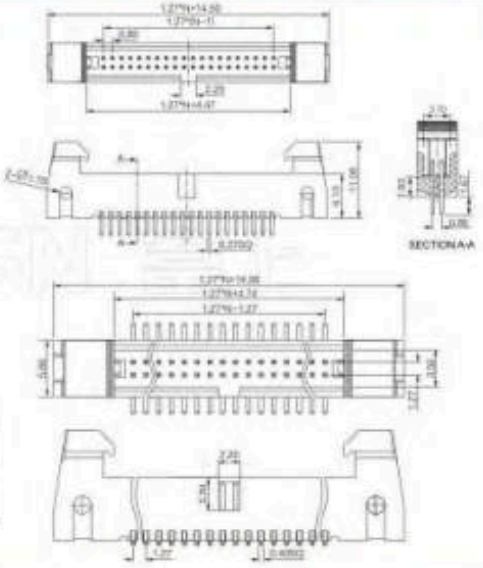






1.27mm*1.27mm Ejector Header 2xNP 90°& 180°/ DIP & SMT Type





2.0mm*2.0mm Ejector Header 2xNP 90°& 180°/ DIP & SMT Type



2.54mm*2.54mm Box Header 2xNP 90°& 180°/ DIP & SMT Type



2.54mm*2.54mm Ejector Header 2xNP 90°& 180°/ DIP & SMT Type

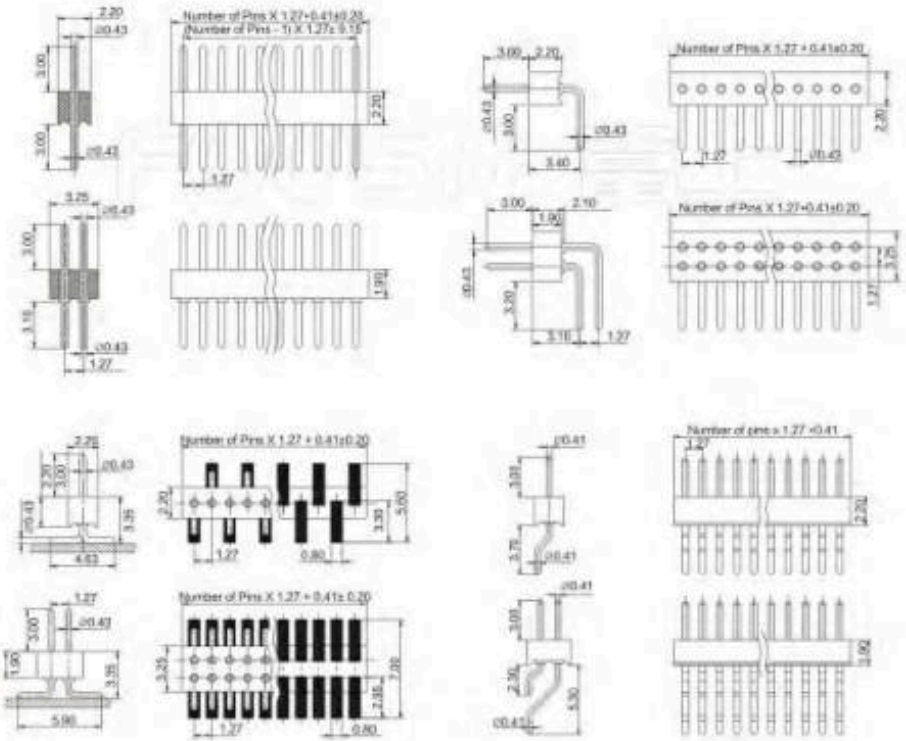


1.27mm Machine Pin Header 1xNP & 2xNP/ 90°& 180°/ DIP & SMT Type



TECHNICAL SPECS

Insulator: Black glass filled polyester PPS-GF30-FR
Flammability: UL 94V-0
Contact: Brass CuZn36Pb3 (C36000)
Mechanical life: min 500 cycles
Rated current: 1 A
Contact resistance: max 10 mΩ
Dielectric strength: min 1,000 V RMS
Coplanarity SMD terminations: max 0.1 mm
(measured on25 mm long connectors)

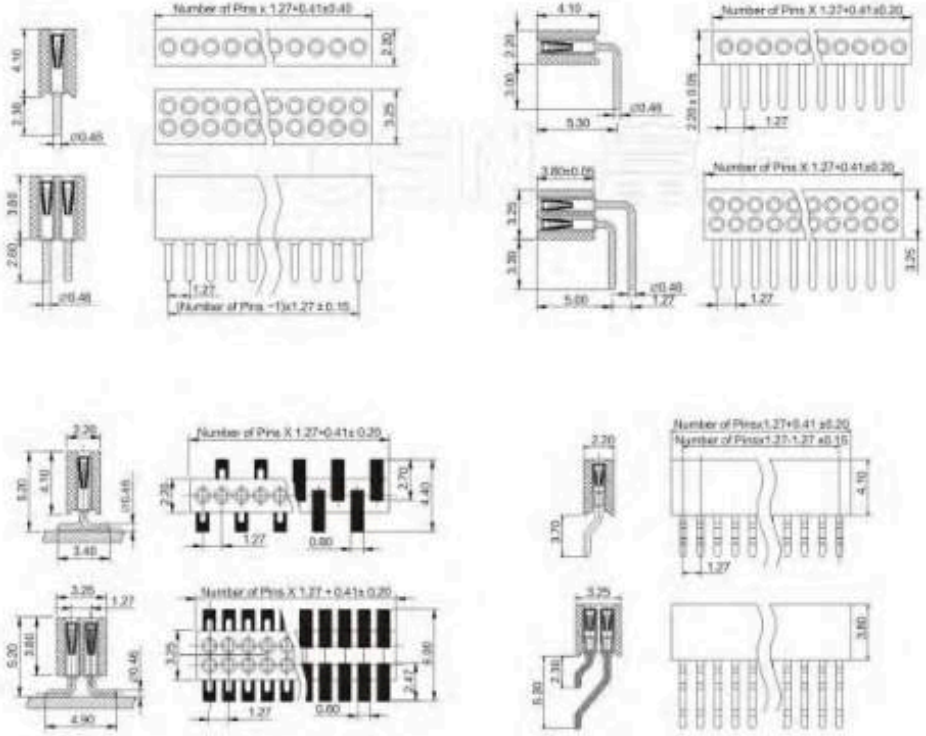


1.27mm Machine Pin Socket 1xNP & 2xNP/ 90°& 180°/ DIP & SMT Type



TECHNICAL SPECS

Insulator: Black glass filled polyester PPS-GF30-FR
Flammability: UL 94V-0
Sleeve: Brass CuZn36Pb3 (C36000)
Contact clip(6 finger): Beryllium copper (C17200)
Mechanical life: min 500 cycles
Rated current: 1 A
Contact resistance: max 20 mΩ
Dielectric strength: min 500 V RMS
Mating pins: Φ0.38 to 0.50 mm
Forces: 0.5 N typ.Insertion
0.2 N typ.Withdrawal (Polished steel gauge Φ0.41 mm)
Coplanarity SMD terminations: max 0.1 mm (measured on25 mm long connectors)

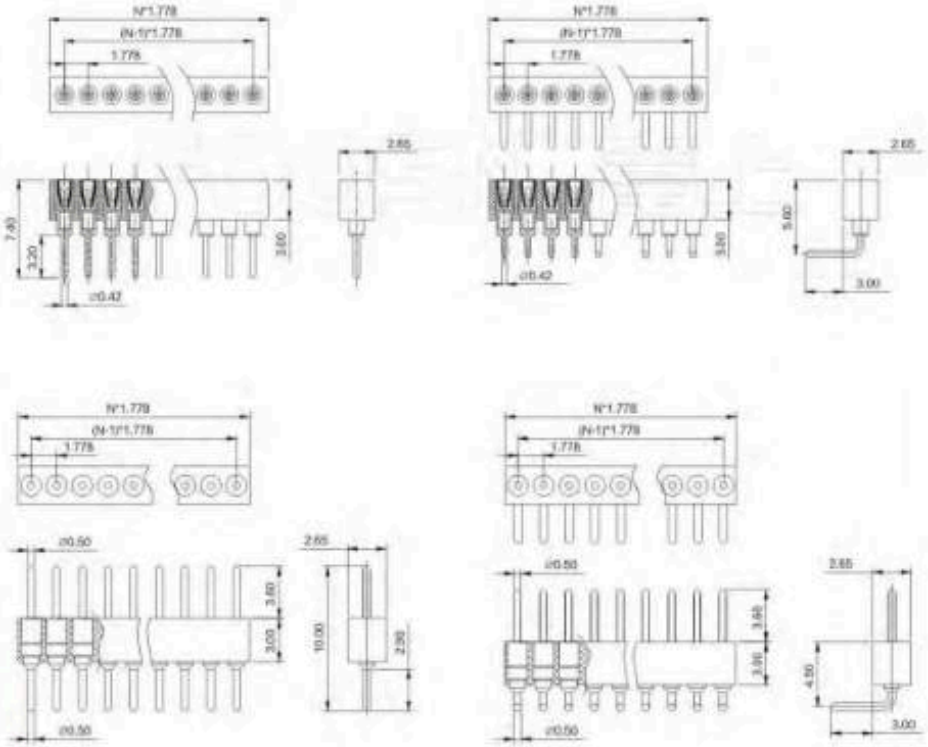


1.778mm Machine Pin Header & Pin Socket 1xNP/ 90°& 180° DIP Type



TECHNICAL SPECS

Insulator: Black glass filled polyester PPS-GF30-FR
Flammability : UL 94V-0
Sleeve: Brass CuZn36Pb3 (C36000) (For PIN Sockets)
Contact clip (4 finger): Beryllium copper (C17200)
Contact: Brass CuZn36Pb3 (C36000) (For PIN Connector)
Mechanical life: min 500 cycles
Rated curren: 1 A
Contact resistance: max 10 mΩ
Dielectric strength: min 1,000 V RMS
Mating pins: Φ0.40 to 0.56 mm (For PIN Sockets)
Forces: 2 N typ.Insertion
0.6 N typ. Withdrawal (Polished steel gauge Φ0.46 mm)

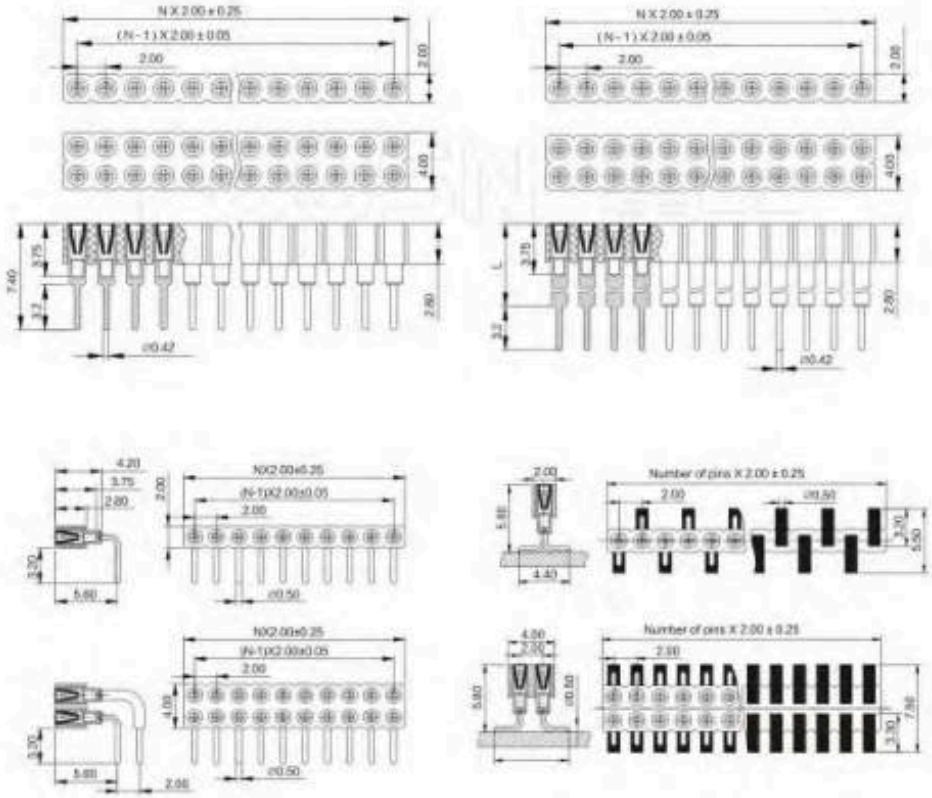


2.0mm Machine Pin Socket 1xNP & 2xNP/ 90°& 180°/ DIP & SMT Type



TECHNICAL SPECS

Insulator: Black glass filled polyester PPS-GF30-FR
Flammability: UL 94V-0
Sleeve: Brass CuZn36Pb3 (C36000)
Contact clip (4 finger): Beryllium copper (C17200)
Mechanical life: min 500 cycles
Rated current: 3 A
Contact resistance: max 10 mΩ
Dielectric strength: min 1,000 V RMS
Mating pins: Φ0.40 to 0.66 mm, 0.50mm SQ
Forces: 2 N typ.insertion 0.6 N typ. Withdrawal (Polished steel gauge Φ0.46 mm)



2.0mm Machine Pin Header 1xNP & 2xNP/ 90°& 180°/ DIP & SMT Type



TECHNICAL SPECS

Insulator: Black glass filled polyester PPS-GF30-FR

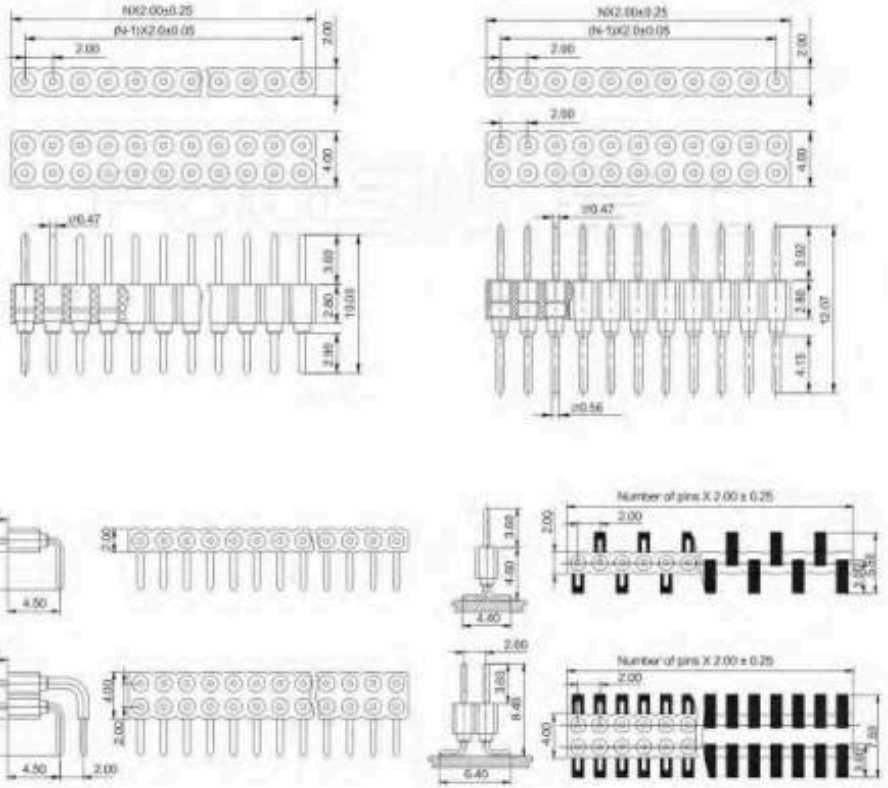
Flammability: UL 94V-0

Contact: Brass CuZn39Pb3 (C38000) (For PIN Connector)

Rated current: 3 A

Contact resistance: max 10 mΩ

Dielectric strength: min 1,000 V RMS



2.54mm Machine Pin Socket 1xNP & 2xNP/ 90°& 180°/ DIP & SMT Type H=3.0mm



TECHNICAL SPECS

Insulator: Black glass filled polyester PPS-GF30-FR

Flammability: UL 94V-0

Sleeve: Brass CuZn39Pb3 (C38000)

Contact clip (4 finger): Beryllium copper (C17200)

Mechanical life: min 500 cycles

Rated current: 3 A

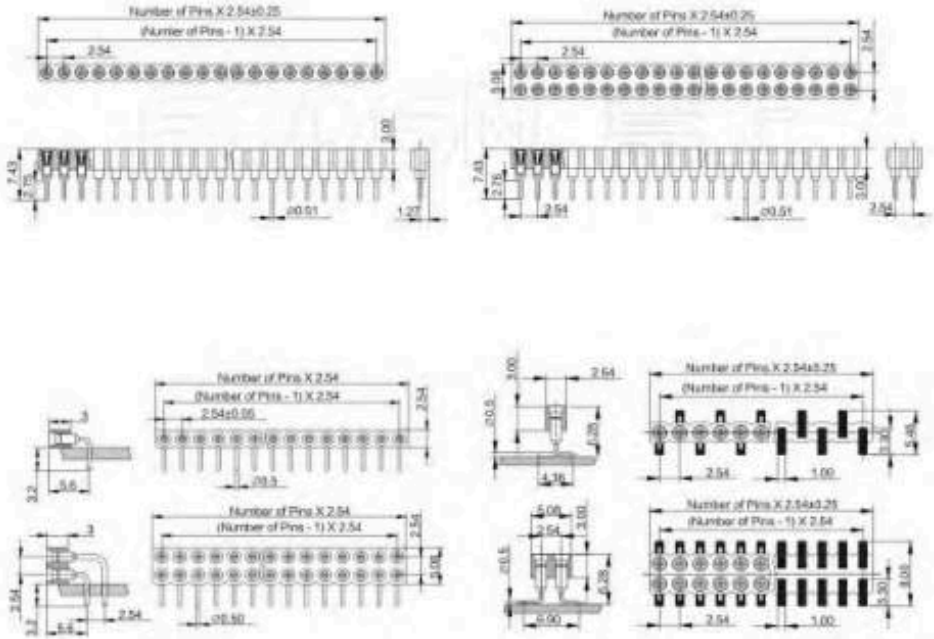
Contact resistance: max 20 mΩ

Dielectric strength: min 500 V RMS

Mating pins: Φ0.40 to 0.56 mm

Forces: 2.5 N typ. Insertion; 0.7 N typ. Withdrawal (Polished steel gauge Φ0.48 mm)

Coplanarity SMD terminations: max 0.1 mm (measured on25 mm long connectors)

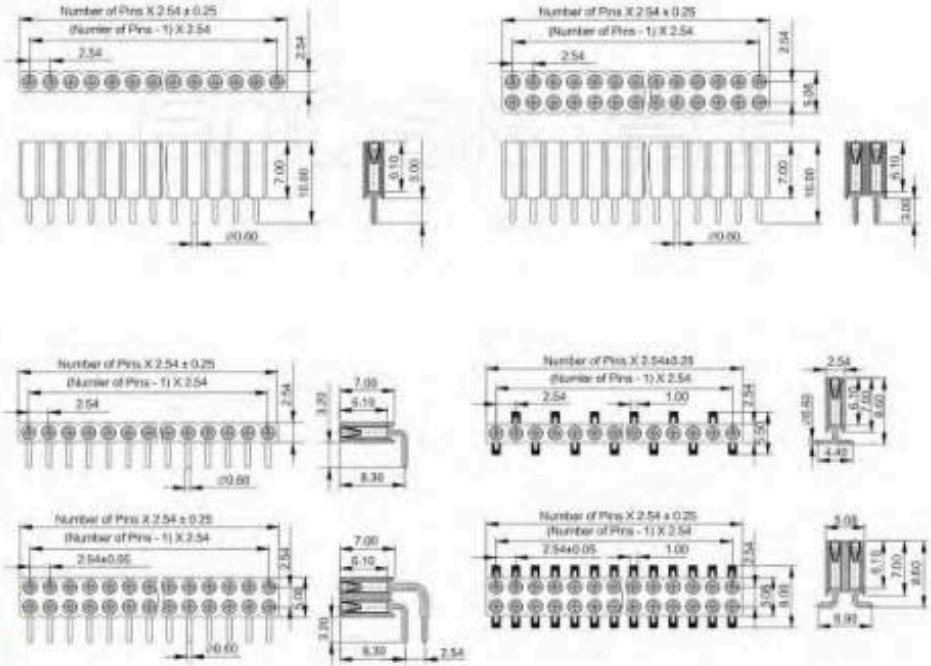


2.54mm Machine Pin Socket 1xNP & 2xNP/ 90°& 180°/ DIP & SMT Type H=7.0mm



TECHNICAL SPECS

Insulator: Black glass filled polyester PPS-GF30-FR
Flammability: UL 94V-0
Sleeve: Brass CuZn36Pb3 (C36000)
Contact clip (6 finger): Beryllium copper (C17200)
Mechanical life: min 500 cycles
Rated current: 3 A
Contact resistance: max 20 mΩ
Dielectric strength: min 500 V RMS
Mating pins: Φ0.64 to 0.90 mm
Forces: 1.4 N typ. insertion; 0.25 N typ. Withdrawal (Polished steel gauge Φ0.76 mm)
Coplanarity SMD terminations: max 0.1 mm (measured on25 mm long connectors)

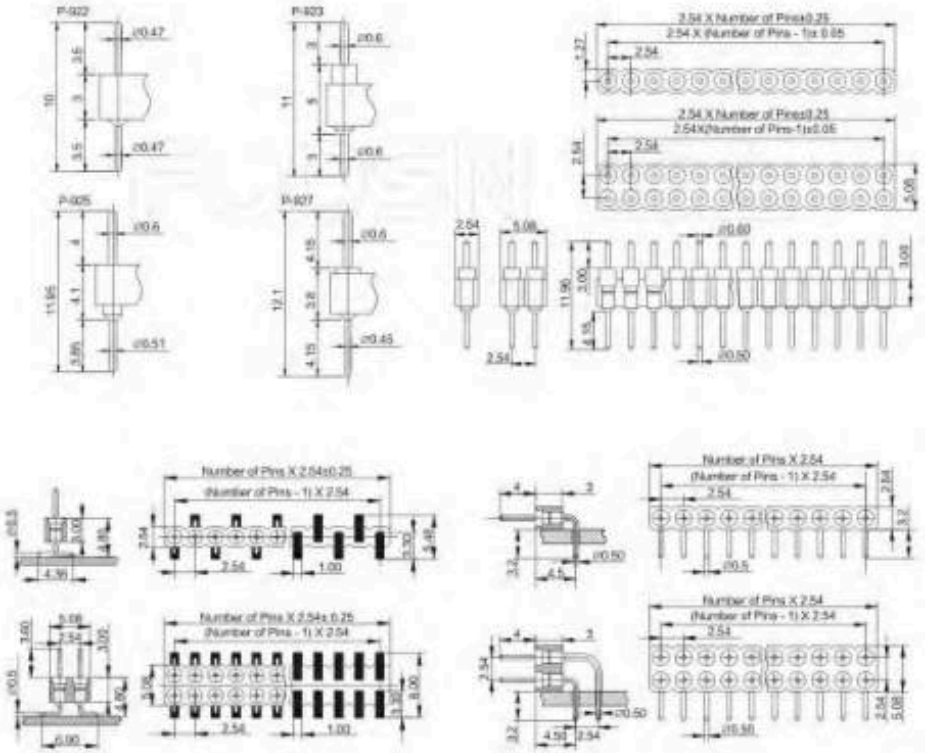


2.54mm Machine Pin Header 1xNP & 2xNP/ 90°& 180°/ DIP & SMT Type



TECHNICAL SPECS

Insulator: Black glass filled polyester PPS-GF30-FR
Flammability: UL 94V-0
Contact: Brass CuZn36Pb3 (C36000)
Mechanical life: min 500 cycles
Rated current: 3 A
Contact resistance: max 10 mΩ
Dielectric strength: min 1,000 V RMS
Coplanarity SMD terminations: max 0.1 mm (measured on25 mm long connectors)

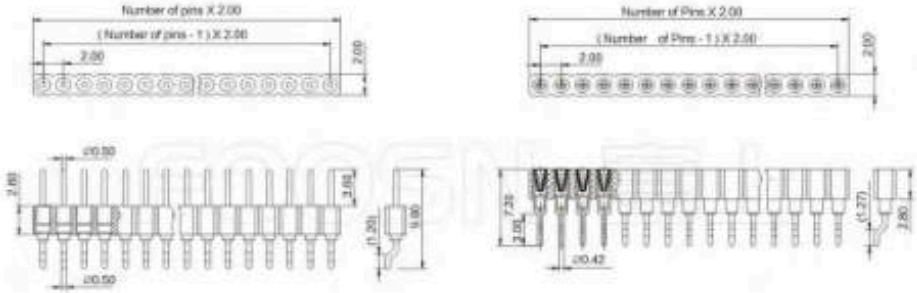


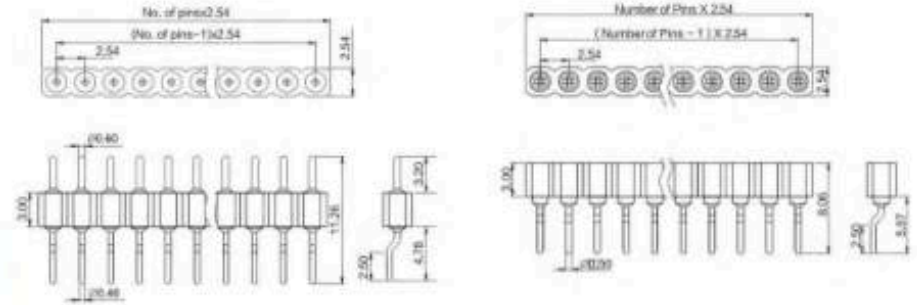
2.54mm Machine Pin Header & Pin Socket 1xNP 180°/ DIP & SMT Type



TECHNICAL SPECS

Insulator: Black glass filled polyester PPS-GF30-FR
Flammability: UL 94V-0
Contact: Brass CuZn36Pb3 (C36000)
Mechanical life: min 500 cycles
Rated current: 3 A
Contact resistance: max 10 mΩ
Dielectric strength: min 1,000 V RMS
Coplanarity SMD terminations: max 0.1 mm (measured on25 mm long connectors)

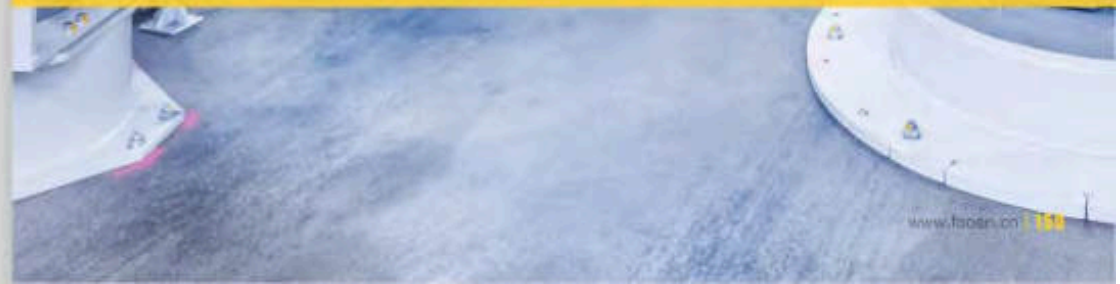






CUSTOMIZED VARIOUS INDUSTRIAL CONNECTION CABLES

定制各类工业线束



Customized Various Industrial Connection Cables >>














FOOSN 东莞市福上电子科技有限公司

Customized Various Industrial Connection Cables >>









