

公司产品简介



本公司专业生产销售电源/高低频混装连接器、圆形航空连接器/线缆、手机用连接器及配件（手写笔、转轴、屏蔽罩等）、及各种 PCB 板用连接器。

我公司致力于按国际先进的标准对产品进行开发生产，多年的连接器设计制造经验积累为我们树立起专业的标志，公司拥有现代化的标准厂房，产品主要为通信、医疗、石油、纺织、铁道及军工等行业服务。生产流程严格贯彻执行质量标准体系。雄厚的技术实力、严格的组织管理、标准的生产工艺，先进的生产和检测手段，使公司产品质量得到全面保证。

为客户创造价值，以最佳服务、最佳品质取得最佳商誉永远是我们的企业文化精神。客户的满意将是我们最大的心愿。

真诚期待与您的长久合作，我们将竭诚为您提供及时、周到的服务！

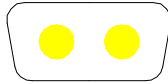
本公司承接各种有特殊需求的专用连接器

CONNECTORS WITH MIXED CONTACT COMBINATIONS

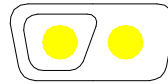
CONTACT VARIANTS

FACE VIEW OF MALE OR RERA VIEW OF FEMALE

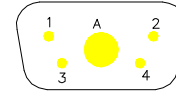
SHELL SIZE 1



2W2

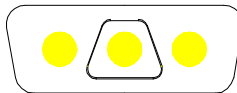


2V2

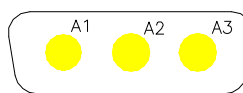


5W1

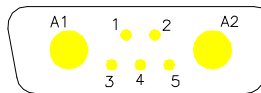
SHELL SIZE 2



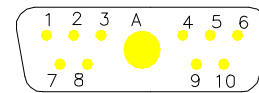
3V3



3W3

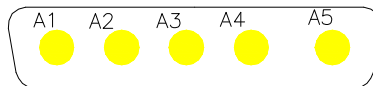


7W2

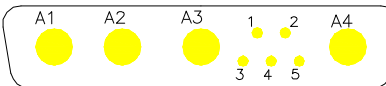


11W1

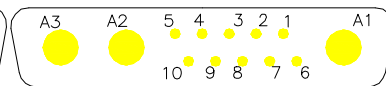
SHELL SIZE 3



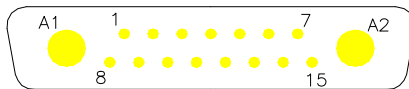
5W5



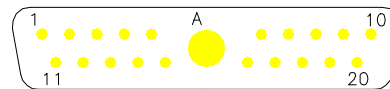
9W4



13W3

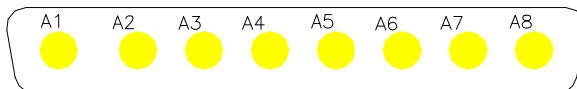


17W2

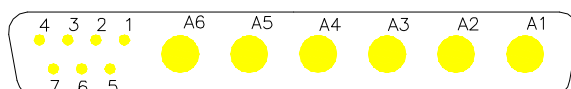


21W1

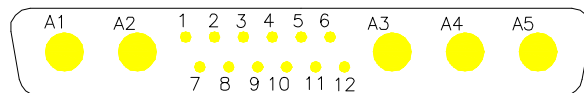
SHELL SIZE 4



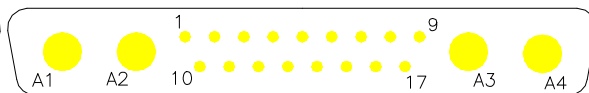
8W8



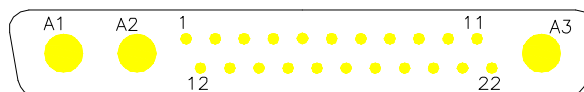
13W6



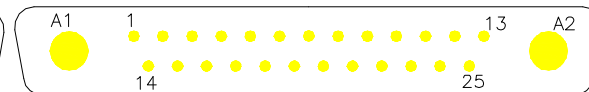
17W5



21W4

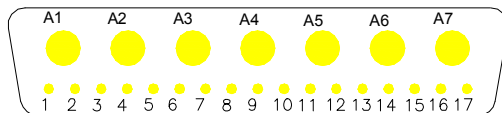


25W3

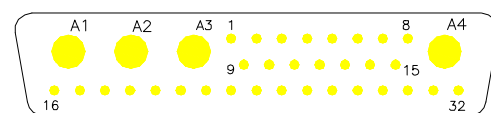


27W2

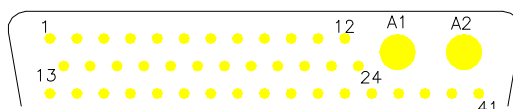
SHELL SIZE 5



24W7



36W4



TECHNICAL CHARACTERISTICS**MATERIALS AND FINISHES:**

Insulator:	Thermoplastic UL94V-0, Black Color.
Singal Contacts:	Male contacts-precision machined brass alloy. female contacts-precision machined high tensile phosphor bronze.
Singal Contacts Plating:	Gold flash over nickel plate and gold over nickel plate.
Power Contacts:	Machined of high conductivity copper alloy for both male and female contacts.
Power Contacts Plating:	Gold flash over nickel.
Shielded Contacts:	Male contacts-precision machined brass, female contacts-precision machined high tensile phosphor bronze.
Shielded Contacts Plating:	Singal contact-gold flash over nickel.
Shells:	Steel strip, Ni plated.
Mounting Spacers and Brackets:	Nylon plastic, or brass with tin plate; zinc plate with dichromate seal.
Push-on Fasteners:	Phosphor bronze and beryllium copper with tin plate.
Jackscrew Systems:	Steel with zinc plate and dichromate seal, or clear zinc plate.
Hoods;	Composite and plastic, UL 94V-0, brass or steel with zinc plate and dichromate seal.

ELECTRICAL CHARACTERISTICS:**SIGNAL CONTACTS**

Contact Current Rating:	2.0 amperes normal.
Initial Contact Resistance:	0.010 ohms maximum.
Proof Voltage:	1000 V r. m. s.

POWER CONTACTS

Contact Current Rating:	30/40 amperes normal.
Initial Contact Resistance:	0.005 ohms maximum.
Proof Voltage:	1000 V r. m. s.

SHIELDED CONTACTS

Initial Contact Resistance:	0.010 ohms maximum.
Normal Impedance:	50 ohms.
Insertion Loss:	-0.46 dB at 1 GHz, -1.5 dB at 2 GHz.
VSWR:	1.15 average at 1 GHz, 1.56 average at 1 GHz.
Proof Voltage:	1000 V r. m. s.

CONNECTOR

Insulator Resistance:	1000 M ohms minimum.
Working Voltage:	300 V r. m. s.

MECHANICAL CHARACTERISTICS:

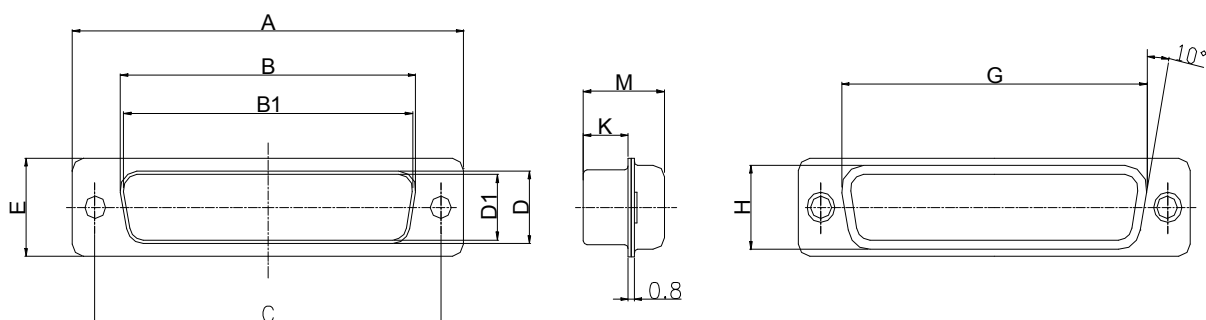
Mating Force :	For heavy current contact $\leq 5.0\text{N}$, For Signal contact $\leq 2.0\text{N}$.
Unmating Force:	For heavy current contact $\geq 1.0\text{N}$, For Signal contact $\geq 0.6\text{N}$.
Mechanical Durability:	500cycles

ENVIRONMENT:

Temperature rang:	-55°C ~ +125°C.
Relative humidity:	0-95) %



STANDARD SHELL ASSEMBLY



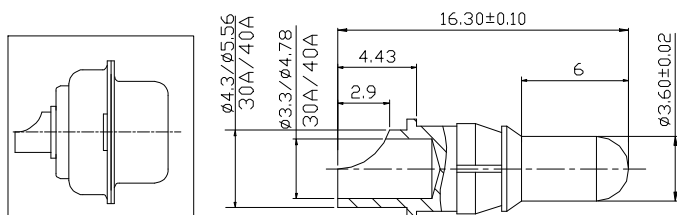
SHELL SIZE	A ±0.15	B ±0.10	B1 ±0.10	C ±0.10	D ±0.10	D1 ±0.10	E ±0.15	G ±0.15	H ±0.15	K ±0.15	M ±0.15
SHELL SIZE 1 MALE	30.8		17	25		8.3	12.5	19.20	10.72	6.1	11.00
SHELL SIZE 1 FEMALE	30.8	16.3		25	7.9		12.5	19.20	10.72	5.8	10.70
SHELL SIZE 2 MALE	39.2		25.25	33.3		8.3	12.5	27.60	10.72	6.1	11.00
SHELL SIZE 2 FEMALE	39.2	24.7		33.3	7.9		12.5	27.60	10.72	5.8	10.70
SHELL SIZE 3 MALE	53.04		38.96	47.04		8.3	12.5	41.10	10.72	6.1	11.00
SHELL SIZE 3 FEMALE	53.04	38.4		47.04	7.9		12.5	41.10	10.72	5.8	10.70
SHELL SIZE 4 MALE	69.4		55.42	63.5		8.3	12.5	57.30	10.72	6.1	11.00
SHELL SIZE 4 FEMALE	69.4	54.8		63.5	7.9		12.5	57.30	10.72	5.8	10.70
SHELL SIZE 5 MALE	67		52.81	61		11.28	15.3	55.10	13.40	6.1	11.00
SHELL SIZE 5 FEMALE	67	52.2		61	10.9		15.3	55.10	13.40	6.1	11.00

REMOVABLE POWER CONTACTS

SOLDER POWER CONTACTS

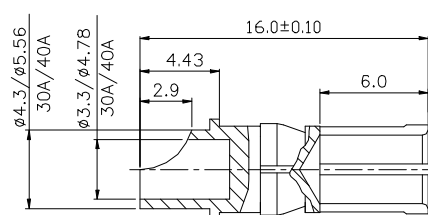
MALE CONTACT (short solder wire)

(Adapt to add cover)

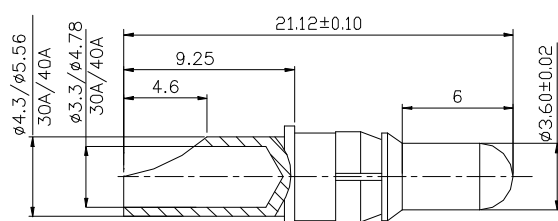


FEMALE CONTACT (short solder wire)

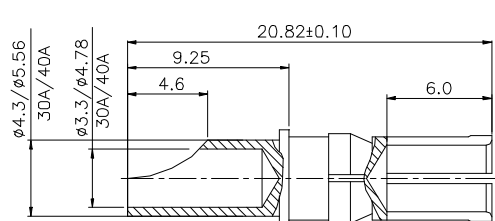
(Adapt to add cover)



MALE CONTACT (long solder wire)



FEMALE CONTACT (long solder wire)

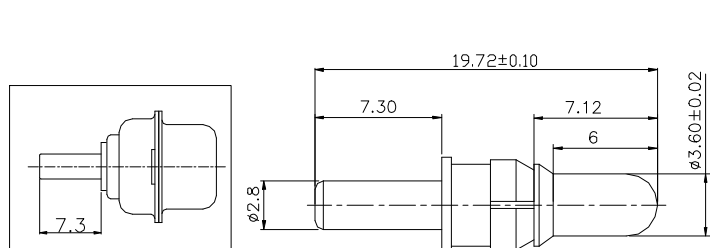


PRINTED BOARD MOUNTED POWER CONTACTS

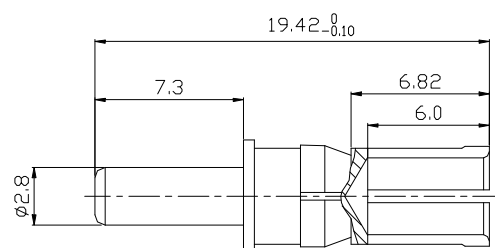
STRAIGHT PRINTED BOARD MOUNTED POWER CONTACTS

Straight printed board mount power contacts are mounted in connector when ordered

MALE CONTACT



FEMALE CONTACT

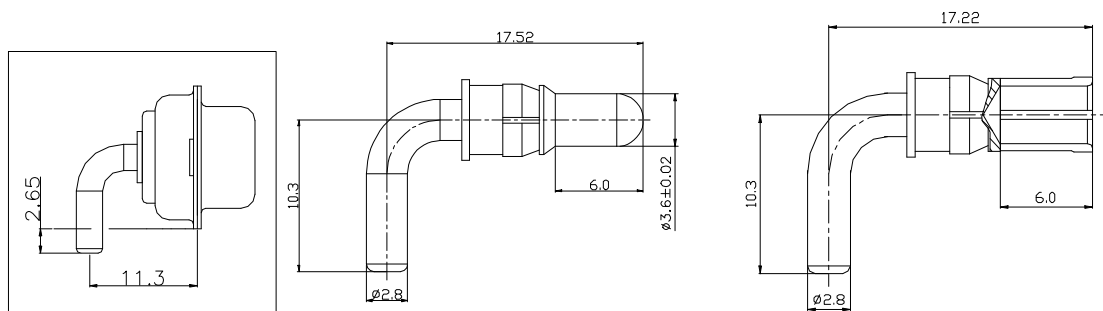


90° PRINTED BOARD MOUNTED POWER CONTACTS

90° printed board mount power contacts are mounted in connector when ordered

MALE CONTACT

FEMALE CONTACT



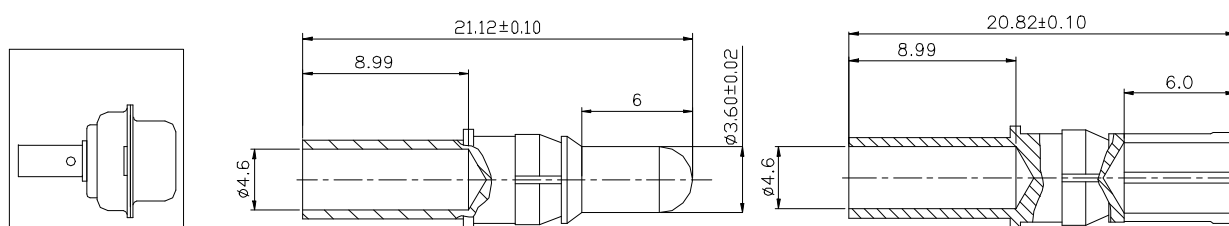
REMOVABLE CRIMP CONTACTS

Crimp power contacts may be supplied kitted with connector or ordered separately

POWER CONTACTS

MALE CONTACT

FEMALE CONTACT



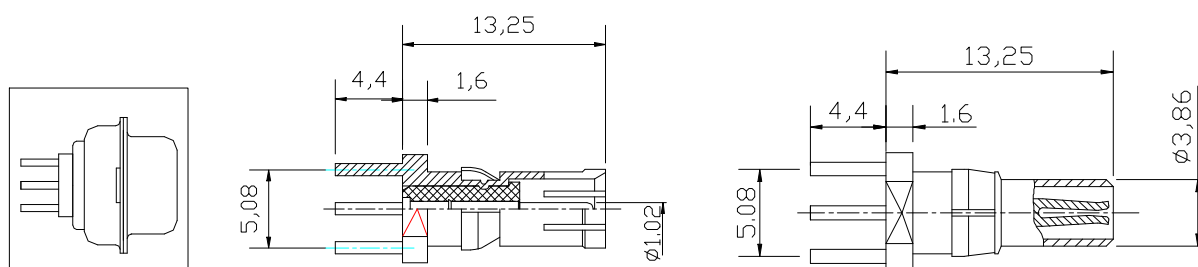
PRINTED BOARD MOUNTED SHIELDED CONTACTS

STRAIGHT PRINTED BOARD MOUNTED SHIELDED CONTACTS

Straight printed board mount shielded contacts are mounted in connector when ordered

FEMALE CONTACT

MALE CONTACT

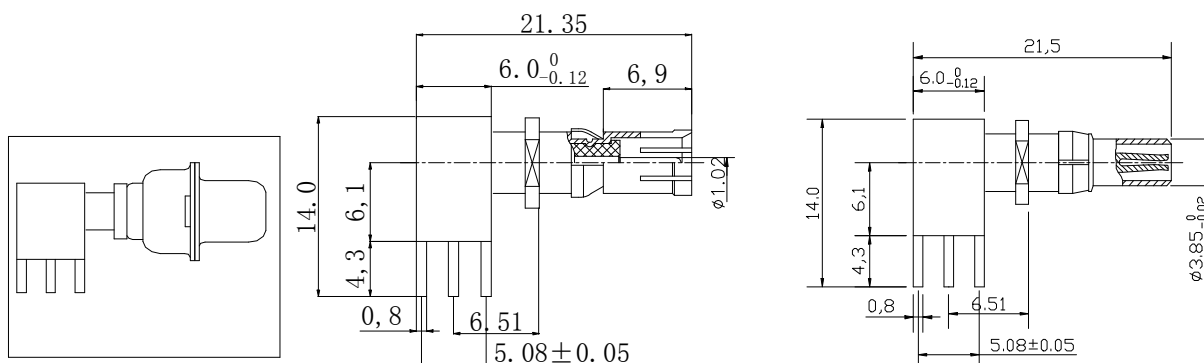


90° PRINTED BOARD MOUNTED SHIELDED CONTACTS

90° printed board mount shielded contacts are mounted in connector when ordered

FEMALE CONTACT

MALE CONTACT

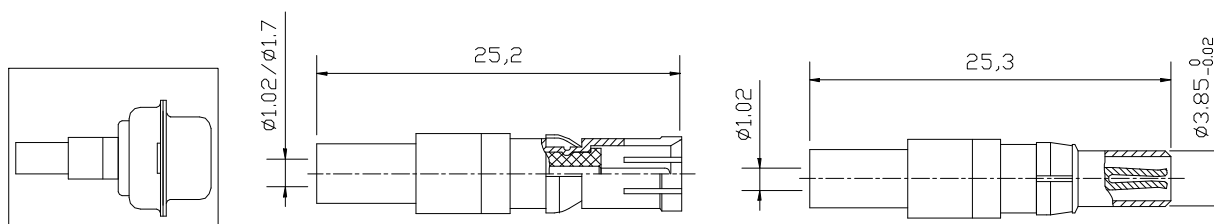


REMOVABLE SHIELDED CONTACTS

Crimp shielded contacts may be supplied kitted with connector or ordered separately

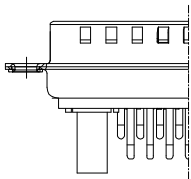
FEMALE CONTACT

MALE CONTACT

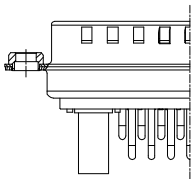


FIXING TYPE

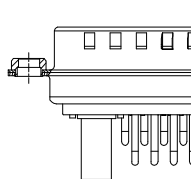
0: Standard mounting



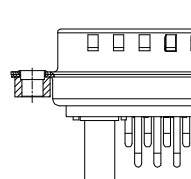
1: Female screw lock UNC4-40



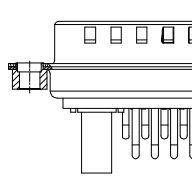
2: Female screw lock M3



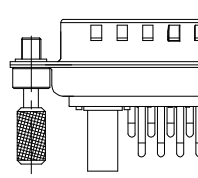
3: Chinch nut UNC4-40



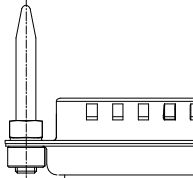
4: Chinch nut M3



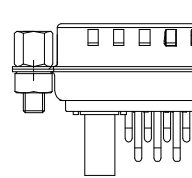
5: Locked bolt mounting



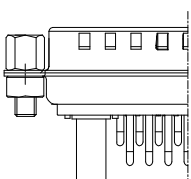
6: UNC4-40+Pin mounting



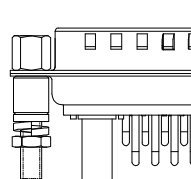
7: Nut UNC4-40 mounting



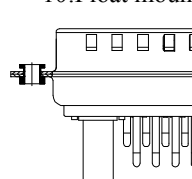
8: Nut M3 mounting



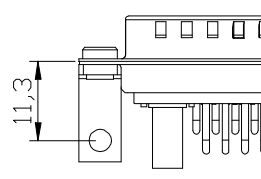
9: UNC4-40+bolt mounting



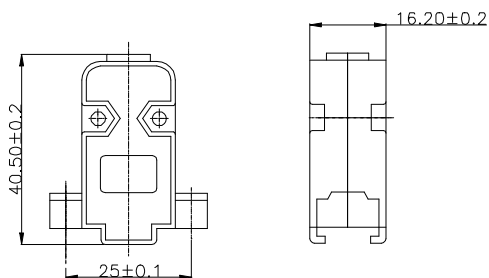
10: Float mounting



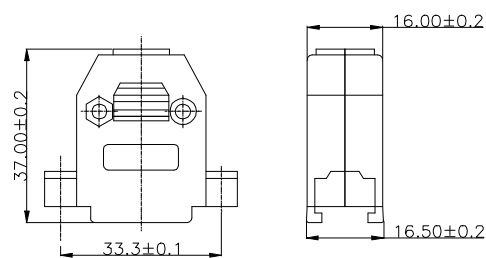
11: right angle mounting



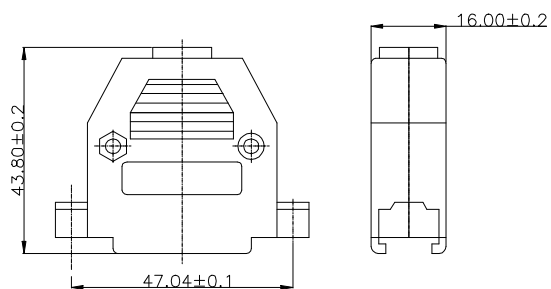
CONNECTOR COVER



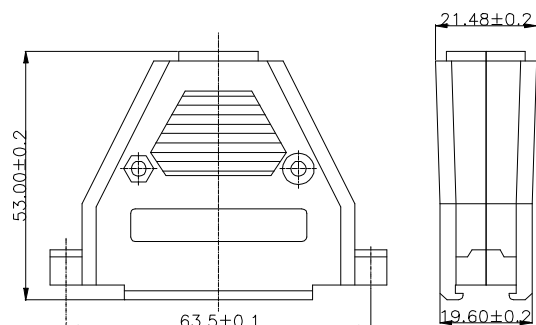
WK-090



WK-150



WK-250



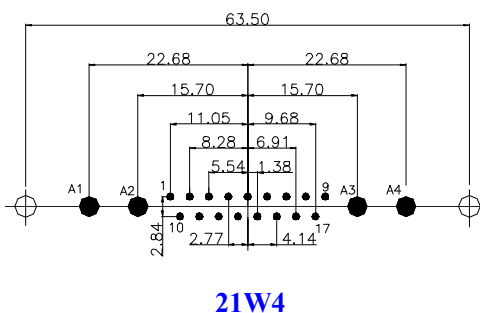
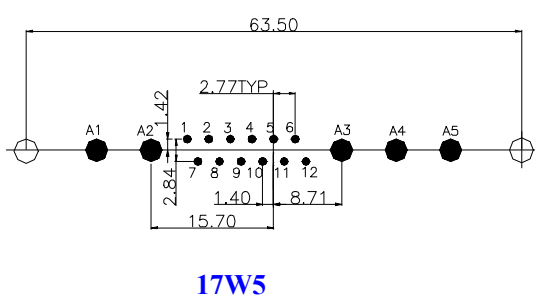
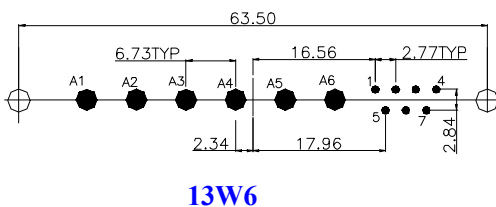
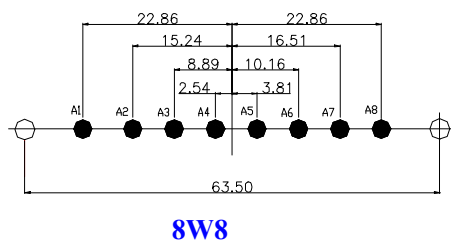
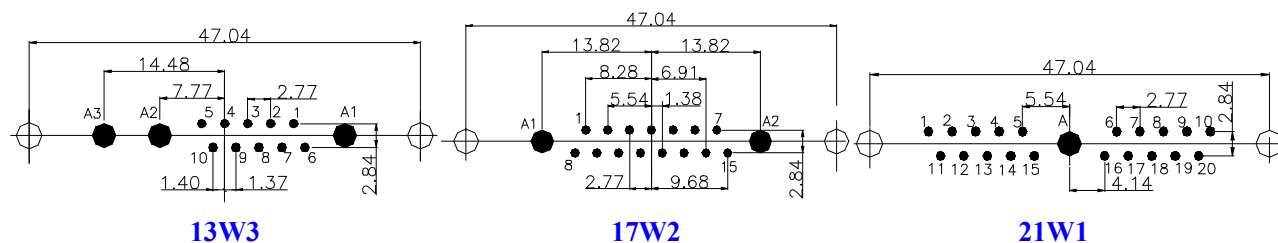
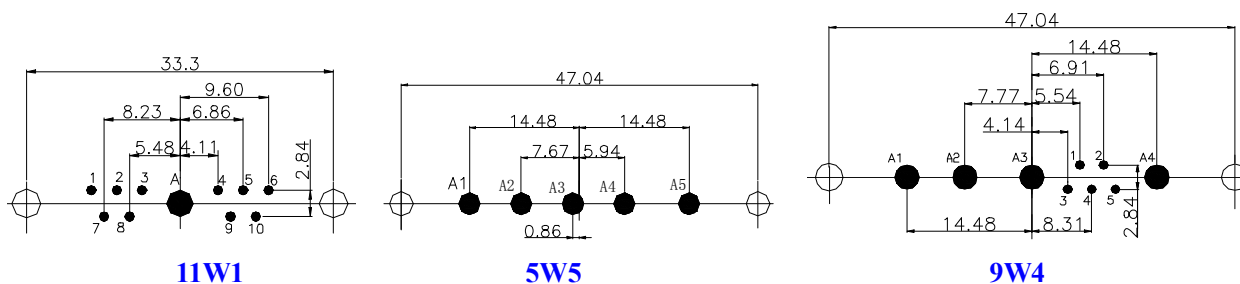
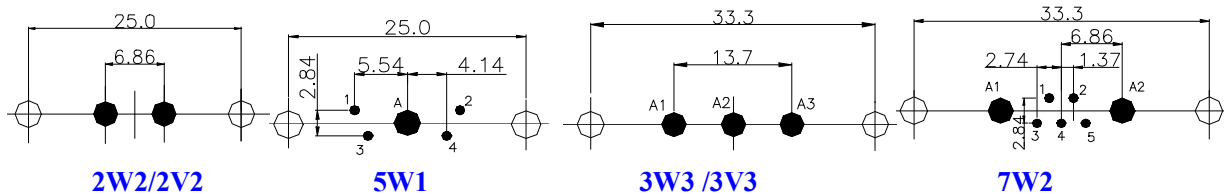
WK-370

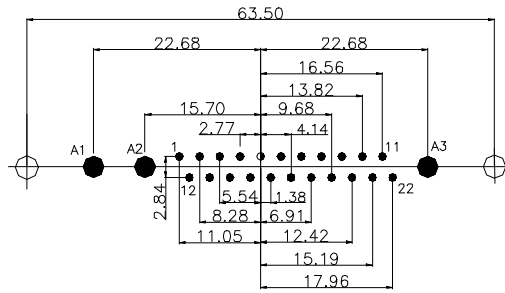
90° AND STRAIGHT PRINTED BOARD CONTACT HOLE PATTERN

WITH POWER CONTACTS

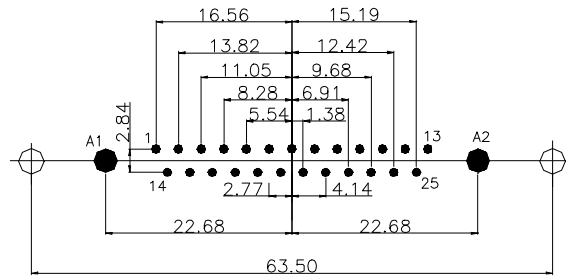
Hole identification shown for male connector, use mirror image for female connector.

Mount connector with mating face positioned to follow direction of arrow

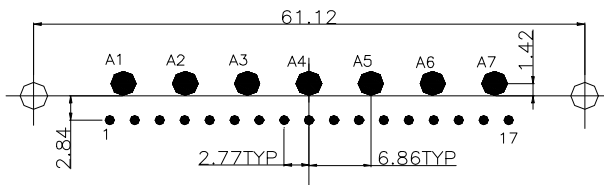




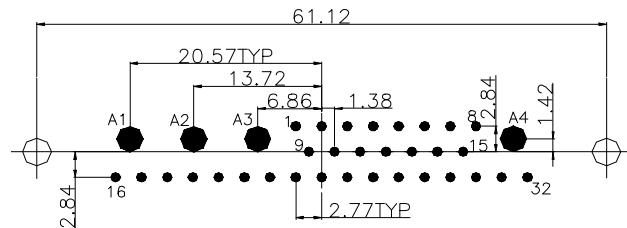
25W3



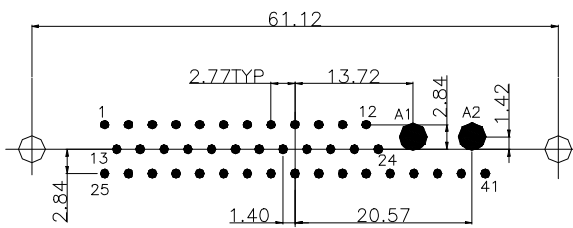
27W2



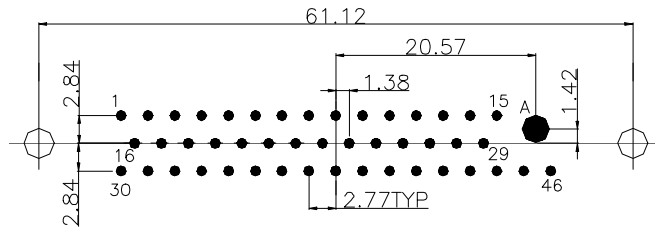
24W7



36W4



43W2



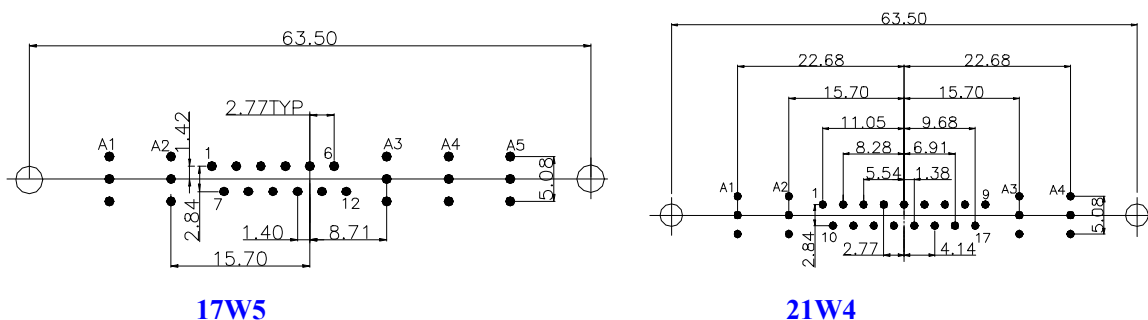
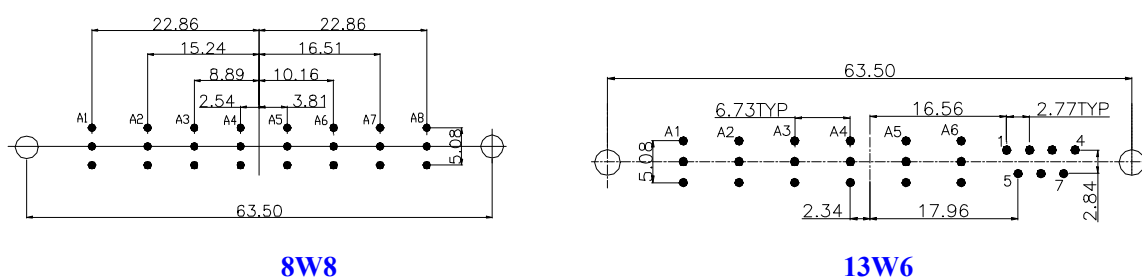
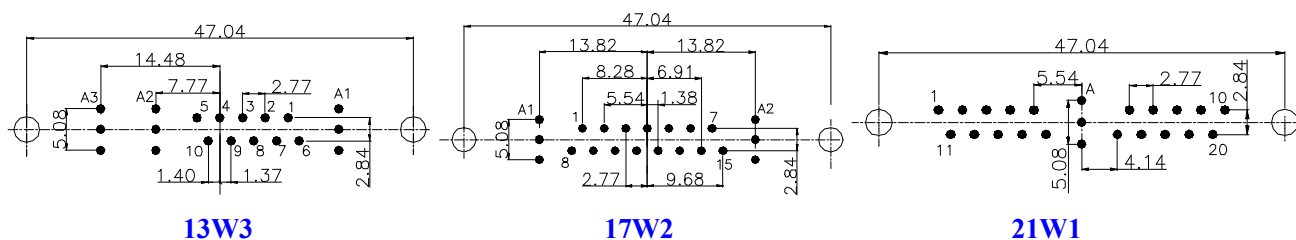
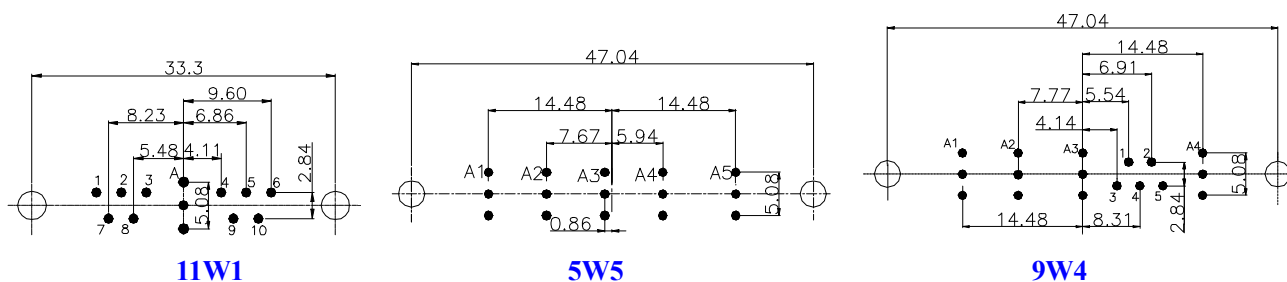
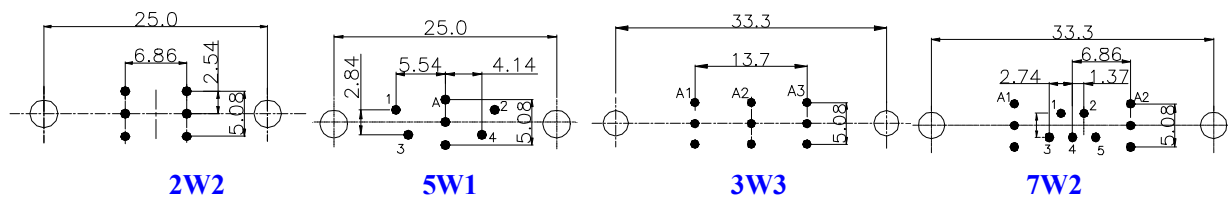
47W1

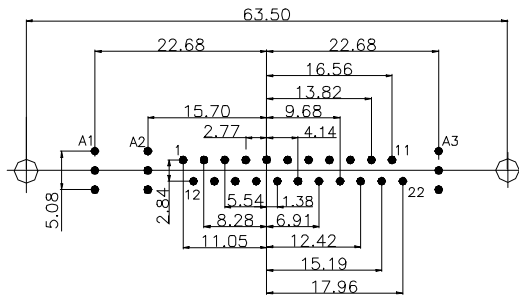
- Suggest $\phi 1.0$ hole for signal contact termination positions.
- Suggest $\phi 3.2$ hole for power contact termination positions.
- Suggest $\phi 3.2$ hole for mounting connector with push-on fasteners.

STRAIGHT PRINTED BOARD MOUNT CONTACT HOLE PATTERN

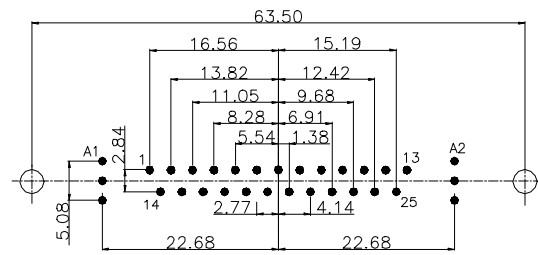
WITH SHIELDED CONTACTS

Hole identification shown for male connector, use mirror image for female connector.

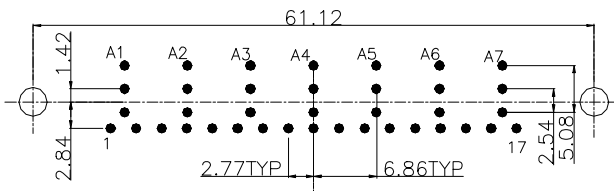




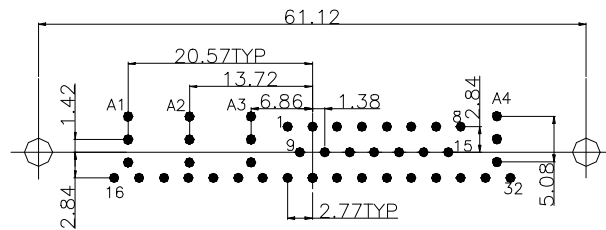
25W3



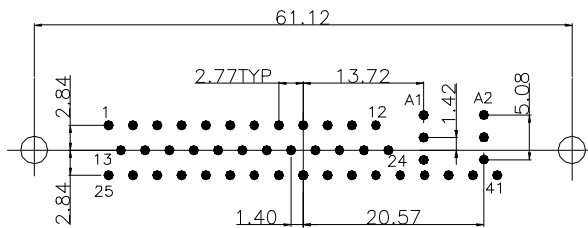
27W2



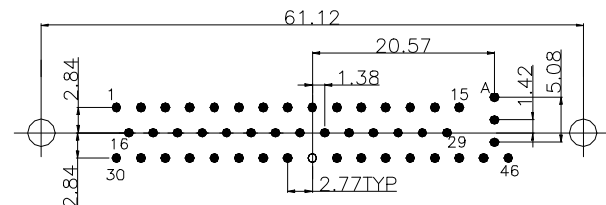
24W7



36W4



43W2



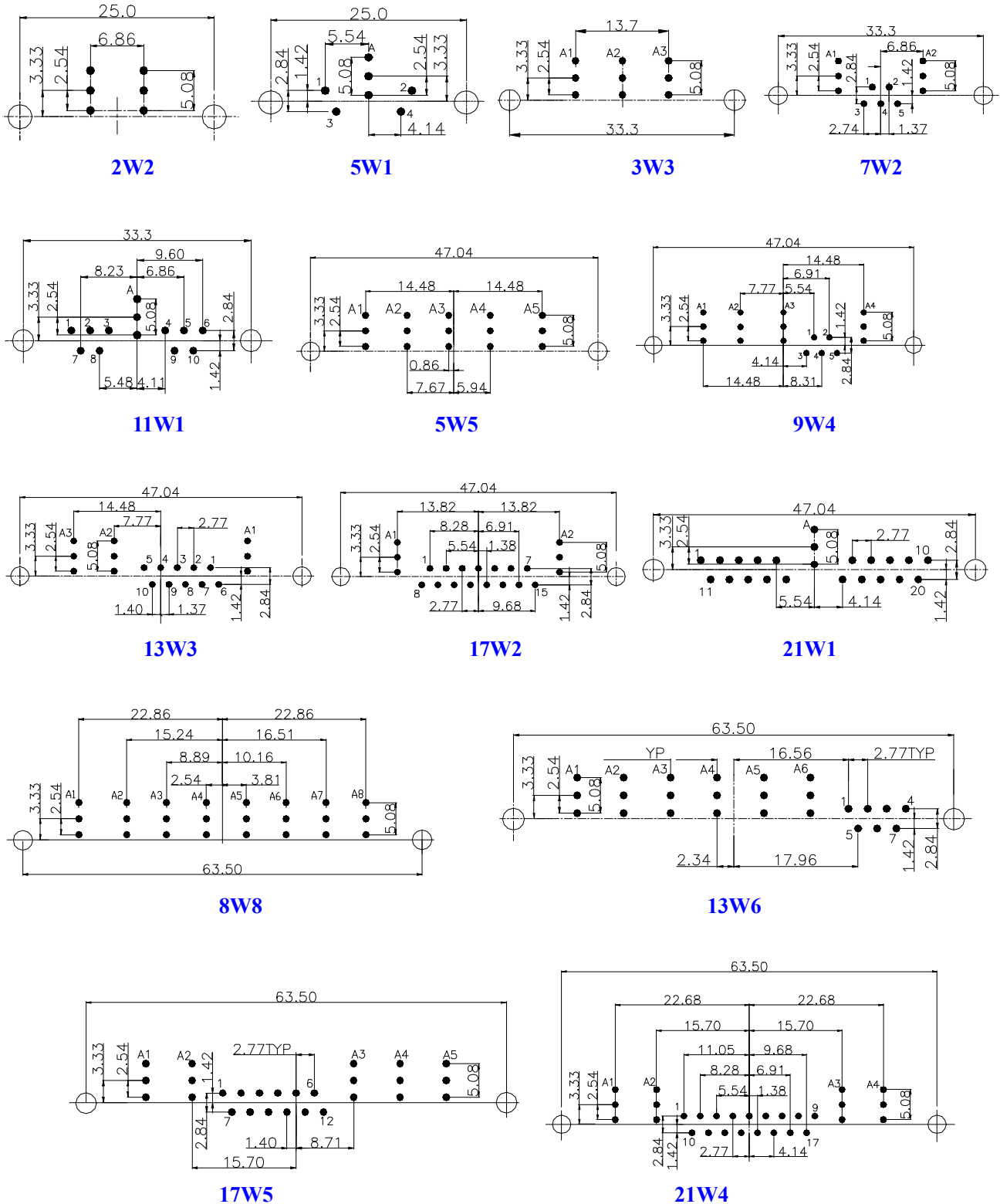
47W1

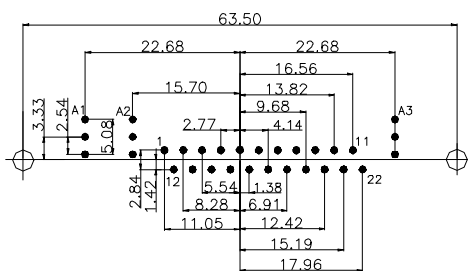
- Suggest $\phi 1.0$ hole for signal contact termination positions.
- Suggest $\phi 1.3$ hole for shielded contact termination positions.
- Suggest $\phi 3.2$ hole for mounting connector with push-on fasteners.

90° PRINTED BOARD MOUNT CONTACT HOLE PATTERN WITH SHIELDED CONTACTS

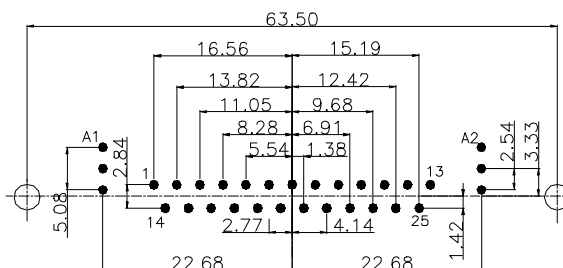
Hole identification showm for male connector,use mirror image for femal connector.

Mount connector with mating face positioned to follow direction of arrow.

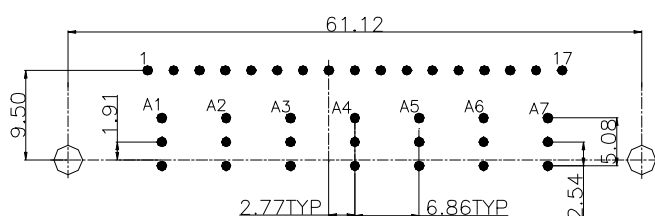




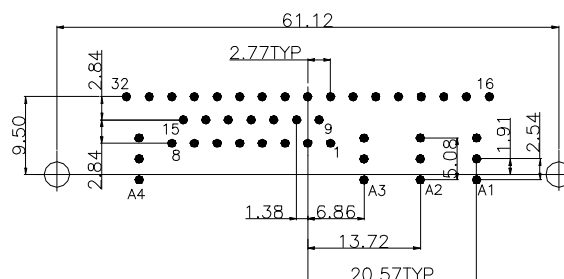
25W3



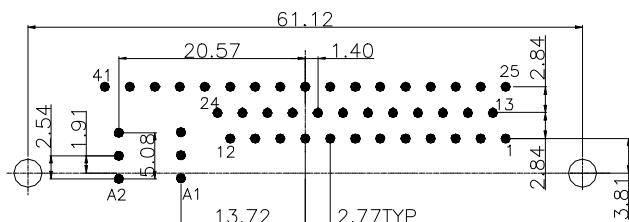
27W2



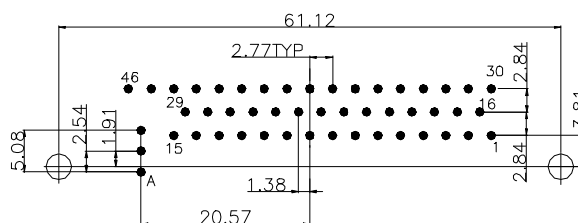
24W7



36W4



43W2

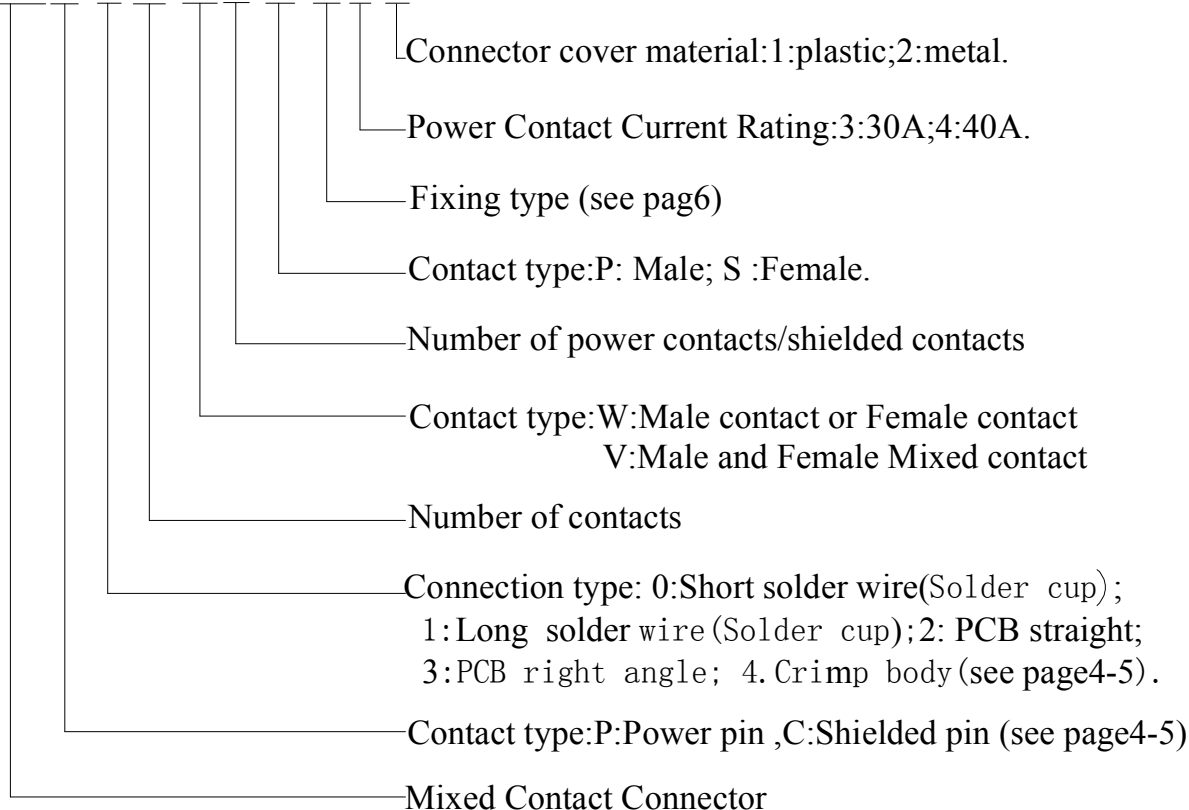


47W1

- Suggest $\phi 1.0$ hole for signal contact termination positions.
- Suggest $\phi 1.3$ hole for shielded contact termination positions.
- Suggest $\phi 3.2$ hole for mounting connector with push-on fasteners.

MIXED CONTACT CONNECTORS MODEL INFORMATION

D M P X-X W X P -X X X



For example:

D M P 1-25 W 3 S -10 4

