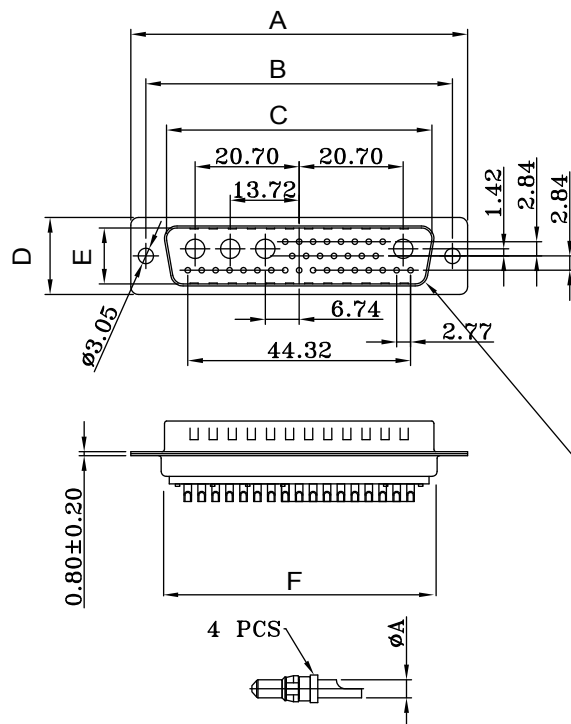




* OTHER CONTACT LENGTHS AVAILABLE
CONTACT SMP TECHNOLOGY INC.

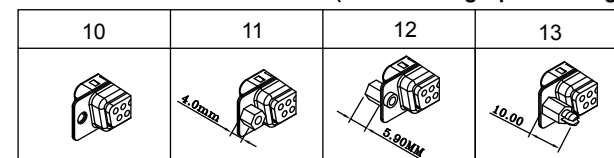
0 CONTACT ARRANGEMENT 36W4

SEE PAGE 3 FOR OTHER CONTACT ARRANGEMENTS

SHELL SIZES

Shell Size	A ± 0.20mm	B ± 0.15mm	C ± 0.20mm	D ± 0.20mm	E ± 0.20mm	F ± 0.20mm	G ± 0.20mm	H ± 0.15mm
9	30.8	25	16.9	12.5	8.3	19.25	6.1	4.1
15	39.2	33.3	25.25	12.5	8.3	27.7	6.1	4.1
25	53.05	47.05	38.95	12.5	8.3	41.2	6.1	4.1
37	69.4	63.5	55.4	12.5	8.3	57.5	6.1	4.1
50	67	61	52.8	15.3	11.15	55	6.1	4.1

TABLE 1 - MOUNTING OPTIONS - (See Mounting Options - Page 2)

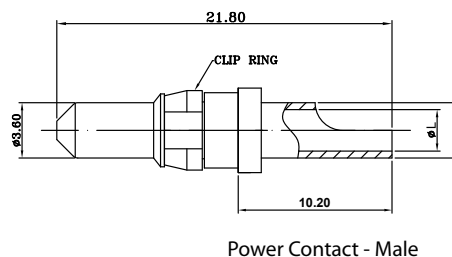


For Mounting Options 11, 12 & 13 with Lockite installed on inside threads - replace the "1" with the letter L.
Example: Option 11 with Lockite installed - use mounting option L1.

SEE PAGE 4 FOR OTHER PCB LAYOUTS

TABLE - 2

CURRENT RATING	ØL	ØK
10A	1.70	2.50
20A	2.80	3.60
30A	3.20	4.40
40A	3.75	5.50



HOW TO ORDER:

P	X	1	3	0	-	X	X	X	X	-	X	X	X	X	0	-	Z
POWER CONTACT			ORIENTATION / FOOTPRINT			MOUNTING OPTION			SIGNAL CONTACT PLATING			POWER CONTACT PLATING			INSULATOR COLOR		
3 - 10 AMP 4 - 20 AMP 5 - 30 AMP 6 - 40 AMP			3 - Solder Wire Attach			See Table 1			1 - Full Au Flash 2 - 15 u" Au Over Ni 3 - 30 u" Au Over Ni 4 - 50 u" Au Over Ni			1 - Black 2 - White 3 - Green 4 - Blue			RoHS COMPLIANT		
SIGNAL CONTACT			CONTACT ARRANGEMENT			SEE PAGE 3			Example: 2W2 = 02W2			Arrangement 7W2 Shown Above 0					
1 - Male Signal & Male Power																	

MATERIAL & FINISH:

Shell: Steel Material, Front Shell Tin Finished
Back Shell Tin Finished
Dimples on plug only
Insulator: PBT Thermoplastic, 30% Glass Filled
Signal Contact: Copper Alloy, Full Gold
High Power Contact: Copper Alloy, 15u" Gold Plated

ELECTRICAL:

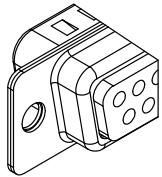
High Power Contact Current Rating: 10,20,30,40 AMPS
High Power Contact Resistance: 2.7 Milliohms MAX.
Dielectric Withstanding Voltage: 1000 VAC For 1 Minute
Insulation Resistance: 5000 Megaohms

Rev	Drawn	Checked	Approved	Date	SMP TECHNOLOGY, INC.		
0	Issued	B.S.	S.M.	S.M.			
					Combo Power + Signal D - Sub Connector; Solder Wire Attach		
					Male Signal Pin, Male Power Contact		
TOL. DEC. .X +/- 0.3 .XX +/- 0.20 .XXX +/- 0.10 ANGLE +/- 3° UNIT: mm					P/N: PX130-XXXX-XXXXX0-Z		
					Pg: 1 of 4		

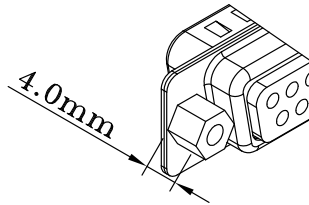
MOUNTING OPTIONS

POWER / COAX COMBO SERIES

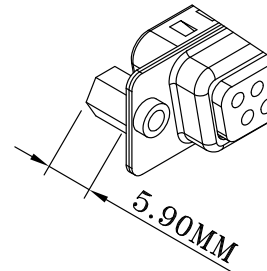
MOUNTING OPTION 10:
3.05MM DIAMETER MOUNTING HOLE



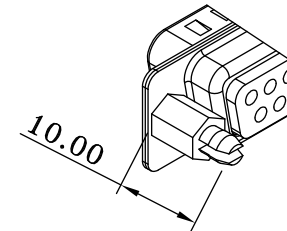
MOUNTING OPTION 11 :
RIVETED 4-40 SCREW LOCK ON
BACK SIDE OF SHELL



MOUNTING OPTION 12 :
RIVETED 4-40 SCREW LOCK ON
FRONT SIDE OF SHELL



MOUNTING OPTION 13:
RIVETED 4-40 SCREW LOCK ON
BACK SIDE OF SHELL



SHELL SIZE

CONTACT ARRANGEMENT

09



2WK2 (MALE)



2WK2 (FEMALE)



2W2



5W1

15



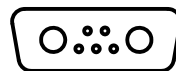
3WK3 (FEMALE)



3WK3 (MALE)



3W3

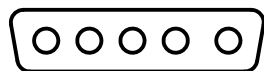


7W2

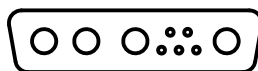


11W1

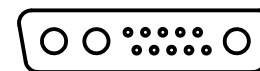
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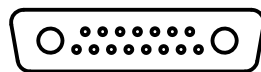
5W5



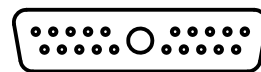
9W4



13W3



17W2

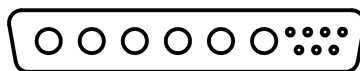


21W1

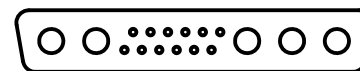
37



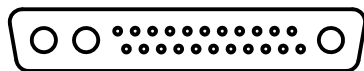
8W8



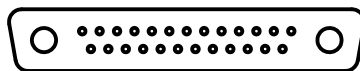
13W6



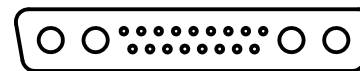
17W5



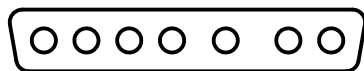
25W3



27W2

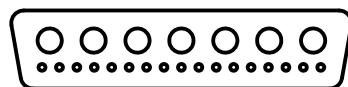


21W4

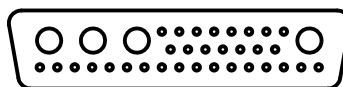


7W7

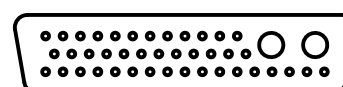
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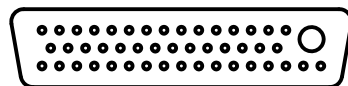
24W7



36W4



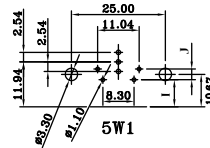
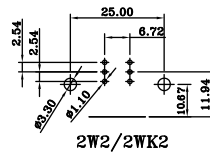
43W2



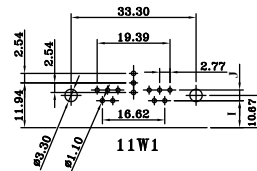
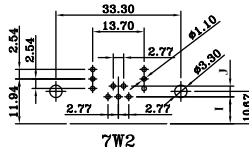
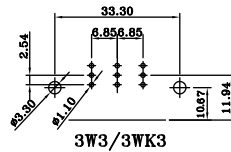
47W1

Footprint (I)	J
9.4	2.54
7.2	2.84

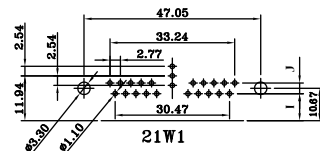
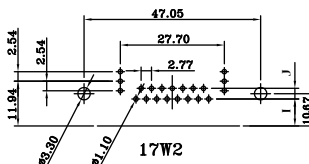
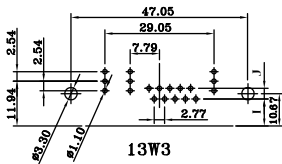
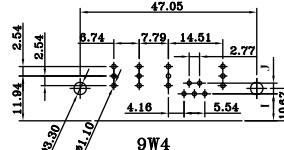
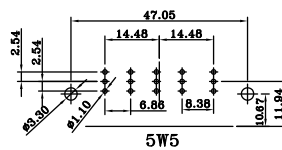
SHELL 09



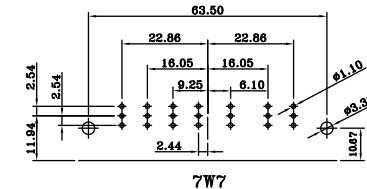
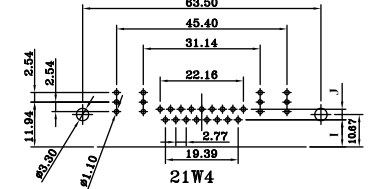
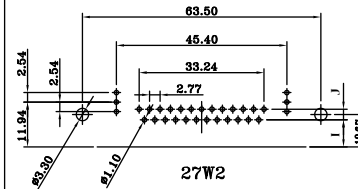
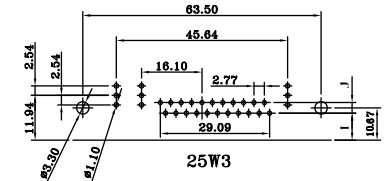
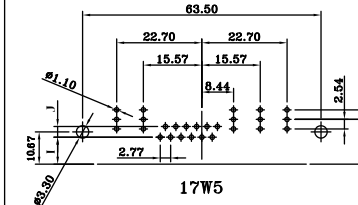
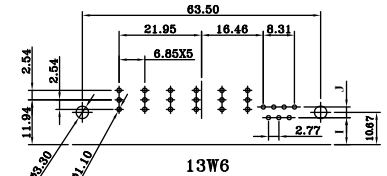
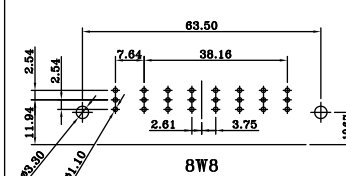
SHELL 15



SHELL 25



SHELL 37



SHELL 50

