

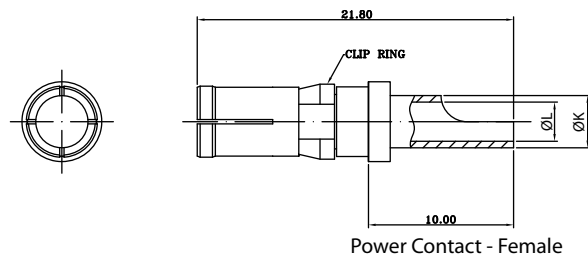
Shell Size	A ± 0.20mm	B ± 0.15mm	C ± 0.20mm	D ± 0.20mm	E ± 0.20mm	F ± 0.20mm	G ± 0.20mm	H ± 0.15mm
9	30.8	25	16.9	12.5	8.3	19.25	6.1	4.1
15	39.2	33.3	25.25	12.5	8.3	27.7	6.1	4.1
25	53.05	47.05	38.95	12.5	8.3	41.2	6.1	4.1
37	69.4	63.5	55.4	12.5	8.3	57.5	6.1	4.1
50	67	61	52.8	15.3	11.15	55	6.1	4.1

10	11	12	13
			

* OTHER CONTACT LENGTHS AVAILABLE
CONTACT SMP TECHNOLOGY INC.

SEE PAGE 4 FOR OTHER PCB LAYOUTS

CURRENT RATING	ØL	ØK
10A	1.70	2.50
20A	2.70	3.60
30A	3.50	4.40
40A	4.60	5.50



<u>P</u>	X	3	3	0	-	X	X	X	X	-	X	X	X	X	X	0	-	Z
<u>POWER CONTACT</u>			<u>ORIENTATION / FOOTPRINT</u>								<u>MOUNTING OPTION</u>							<u>RoHS COMPLIANT</u>
3 - 10 AMP 4 - 20 AMP 5 - 30 AMP 6 - 40 AMP			3 - Solder Wire Attach								See Table 1							
	<u>SIGNAL CONTACT</u>											<u>SIGNAL CONTACT PLATING</u>	<u>POWER CONTACT PLATING</u>					<u>INSULATOR COLOR</u>
	3 - Male Signal & Female Power					<u>CONTACT ARRANGEMENT</u>												
						<u>SEE PAGE 3</u>												
						Example: 2W2 = 02W2 Arrangement 7W2 Shown Above ⁰												
												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

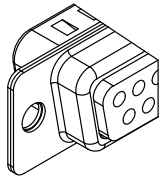
Shell: Steel Material, Front Shell Tin Finished
Back Shell Tin Finished
Dimples on plug only
Insulator: PBT Thermoplastic, 30% Glass Filled
Signal Contact: Copper Alloy, Full Gold
High Power Contact: Copper Alloy, 15u" Gold Plated

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

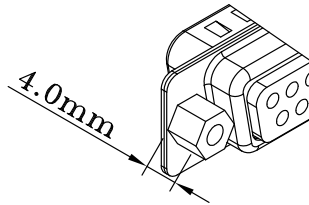
MOUNTING OPTIONS

POWER / COAX COMBO SERIES

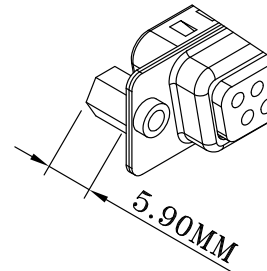
MOUNTING OPTION 10:
3.05MM DIAMETER MOUNTING HOLE



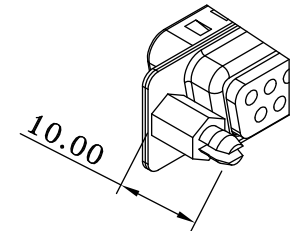
MOUNTING OPTION 11 :
RIVETED 4-40 SCREW LOCK ON
BACK SIDE OF SHELL



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



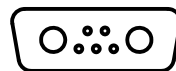
3WK3 (FEMALE)



3WK3 (MALE)



3W3

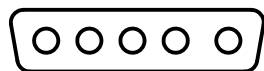


7W2

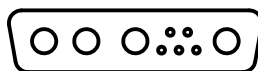


11W1

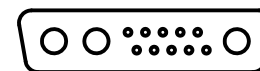
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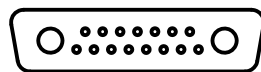
5W5



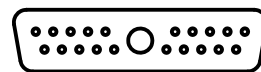
9W4



13W3



17W2

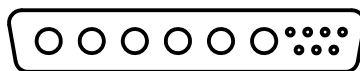


21W1

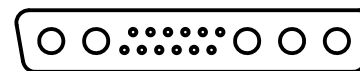
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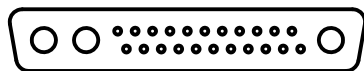
8W8



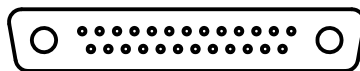
13W6



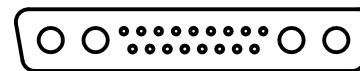
17W5



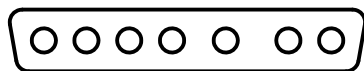
25W3



27W2

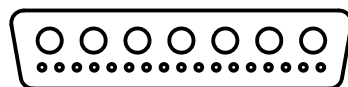


21W4

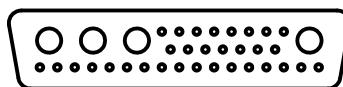


7W7

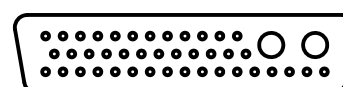
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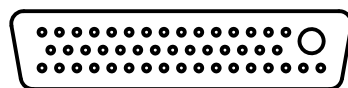
24W7



36W4



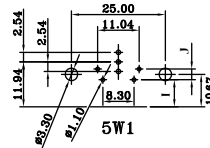
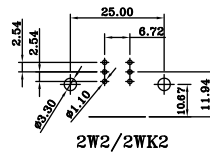
43W2



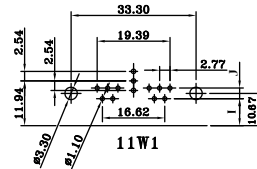
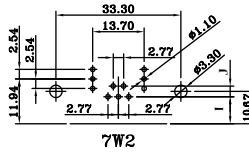
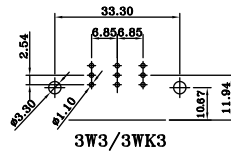
47W1

Footprint (I)	J
9.4	2.54
7.2	2.84

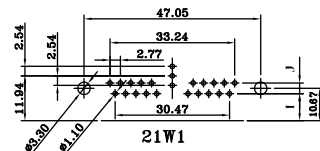
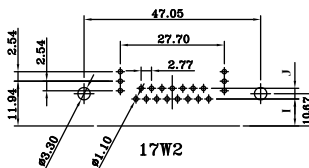
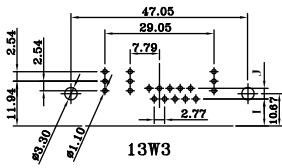
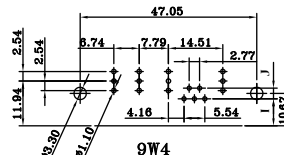
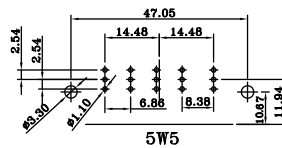
SHELL 09



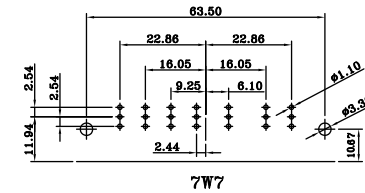
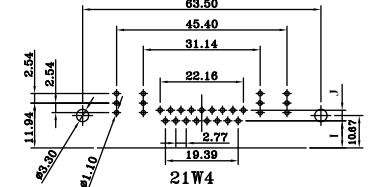
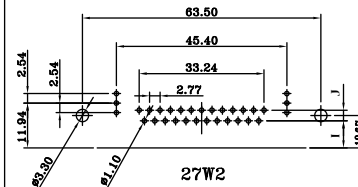
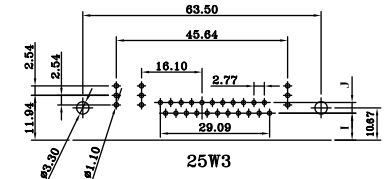
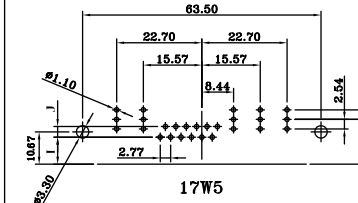
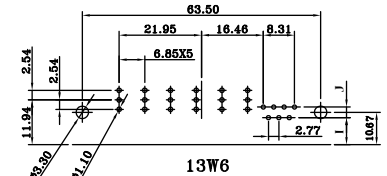
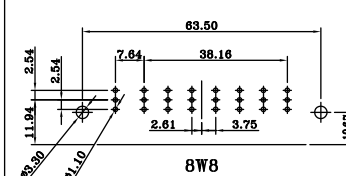
SHELL 15



SHELL 25



SHELL 37



SHELL 50

