

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

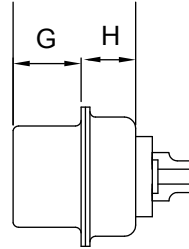
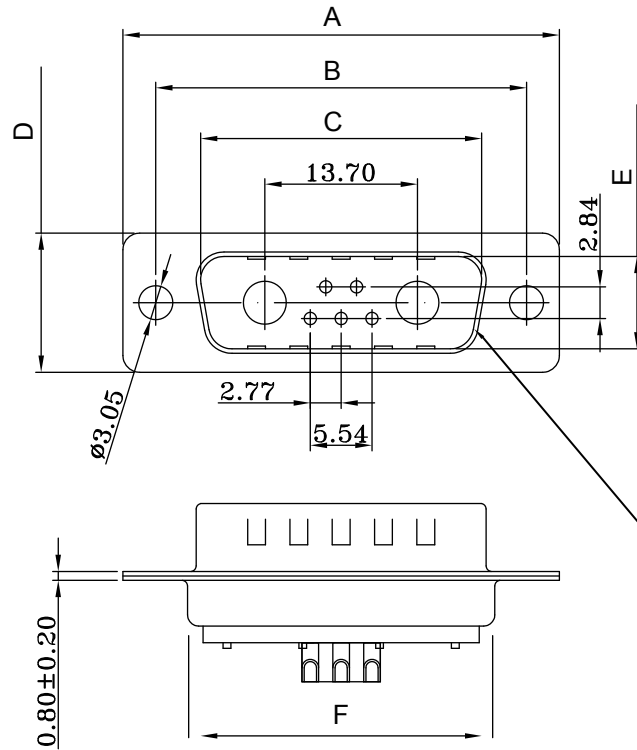
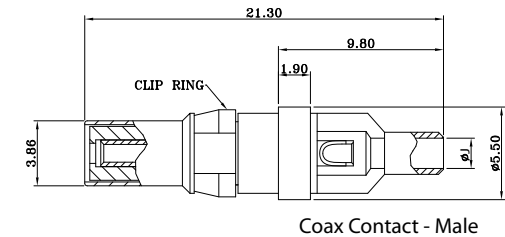


TABLE 1 - MOUNTING OPTIONS - (See Mounting Options - Page 2)

10	11	12	13

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

CONTACT ARRANGEMENT 7W2
SEE PAGE 3 FOR OTHER CONTACT ARRANGEMENTS



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

HOW TO ORDER:

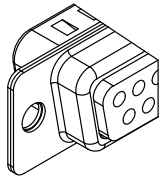
<u>S</u>	<u>X</u>	<u>1</u>	<u>3</u>	<u>0</u>	-	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	-	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>0</u>	-	<u>Z</u>	
<u>COAX CONTACT</u> 1 - 50 Ohm Coax 2 - 75Ohm Coax		<u>ORIENTATION / FOOTPRINT</u> 3 - Solder Wire Attached								<u>MOUNTING OPTION</u> See Table 1								<u>RoHS COMPLIANT</u>	
<u>SIGNAL CONTACT</u> 1 - Male Signal & Male Coax												<u>SIGNAL CONTACT PLATING</u> 1 - Full Au Flash 2 - 15 u" Au Over Ni 3 - 30 u" Au Over Ni 4 - 50 u" Au Over Ni		<u>POWER CONTACT PLATING</u>				<u>INSULATOR COLOR</u> 1 - Black 2 - White 3 - Green 4 - Blue	
								<u>CONTACT ARRANGEMENT</u> <u>SEE PAGE 3</u> Example: 2W2 = 02W2 Arrangement 7W2 Shown Above 0											

Rev	Drawn	Checked	Approved	Date	SMP TECHNOLOGY, INC.		
0	Issued	B.S.	S.M.	S.M.			
					Combo Coax + Signal D - Sub Connector; Wire Solder Type,		
					Male Signal Pin, Male Coax Contact		
TOL. DEC. .X +/- 0.3 .XX +/- 0.20 .XXX +/- 0.10 ANGLE +/- 3° UNIT: mm					P/N: SX130-XXXX-XXXXX0-Z		
					Pg: 1 of 4		

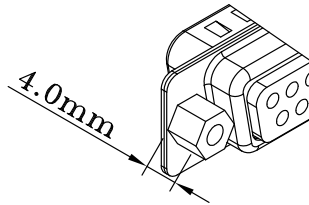
MOUNTING OPTIONS

POWER / COAX COMBO SERIES

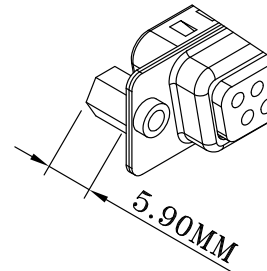
MOUNTING OPTION 10:
3.05MM DIAMETER MOUNTING HOLE



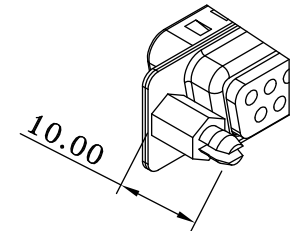
MOUNTING OPTION 11 :
RIVETED 4-40 SCREW LOCK ON
BACK SIDE OF SHELL



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



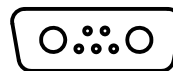
3WK3 (FEMALE)



3WK3 (MALE)



3W3

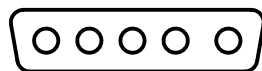


7W2

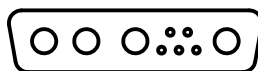


11W1

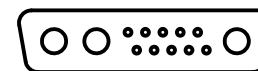
25



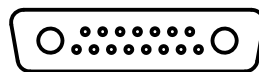
5W5



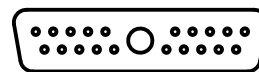
9W4



13W3



17W2

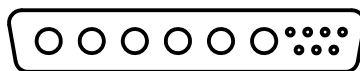


21W1

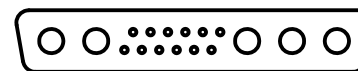
37



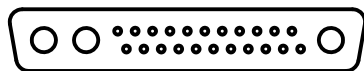
8W8



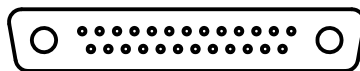
13W6



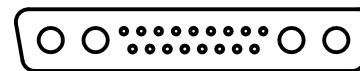
17W5



25W3



27W2

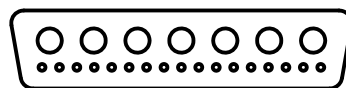


21W4

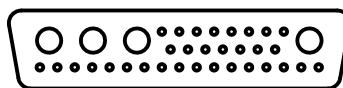


7W7

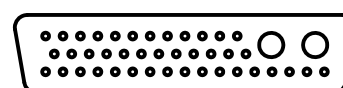
50



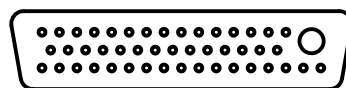
24W7



36W4



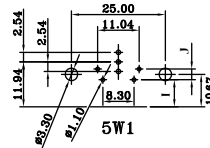
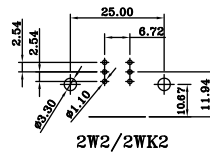
43W2



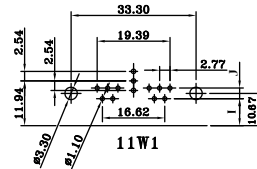
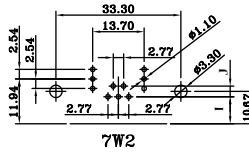
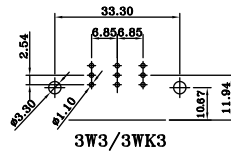
47W1

Footprint (I)	J
9.4	2.54
7.2	2.84

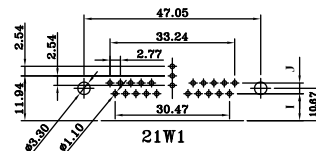
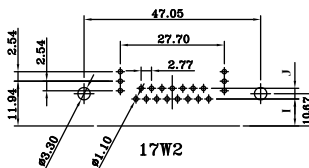
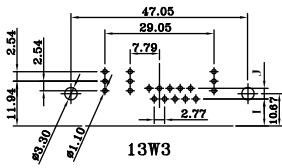
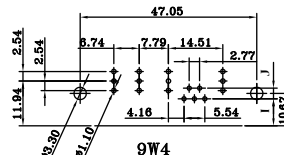
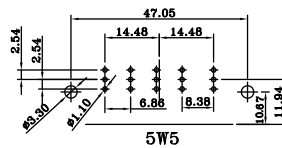
SHELL 09



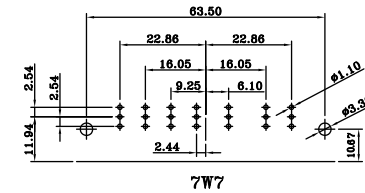
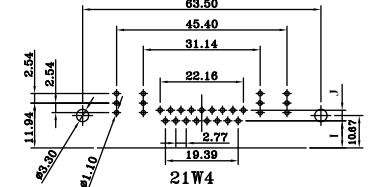
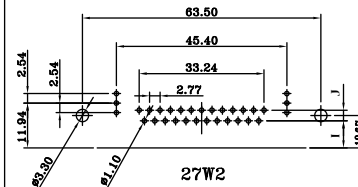
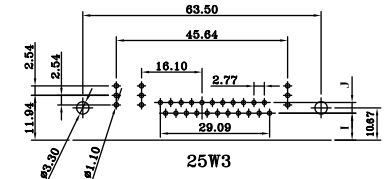
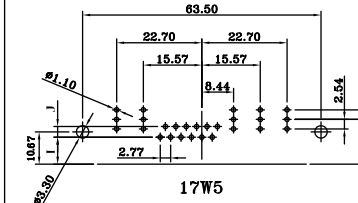
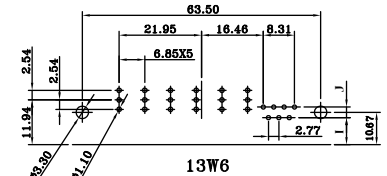
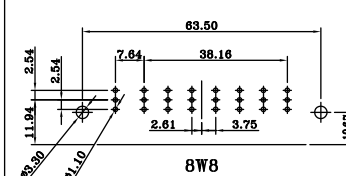
SHELL 15



SHELL 25



SHELL 37



SHELL 50

