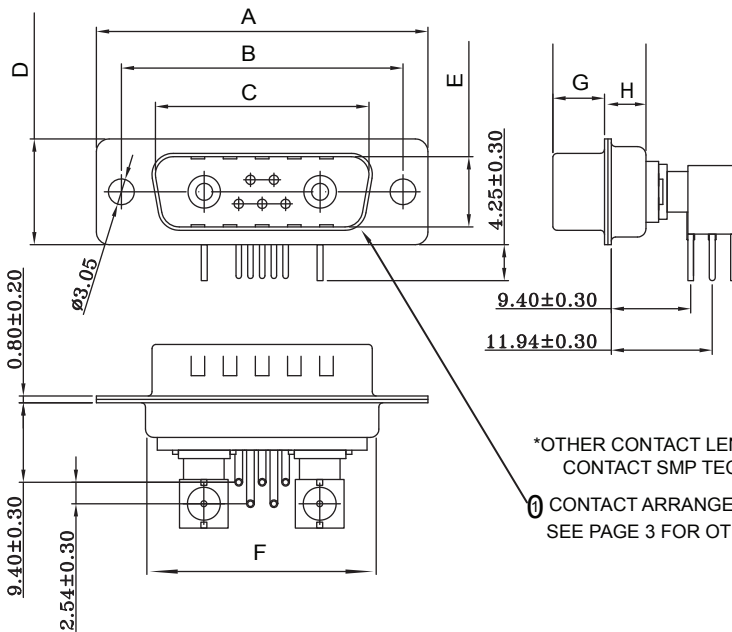
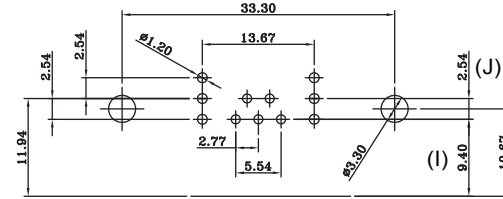




SHELL SIZES

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



Footprint (I)	J
9.4	2.54
7.2	2.84

*OTHER CONTACT LENGTHS AVAILABLE
CONTACT SMP TECHNOLOGY INC.

CONTACT ARRANGEMENT 7W2
SEE PAGE 3 FOR OTHER CONTACT ARRANGEMENTS

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

10	11	12	15	16	17	18

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.

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

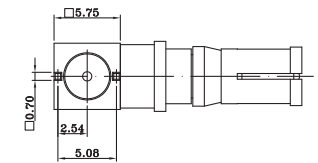
ELECTRICAL:

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>3</u>	<u>X</u>	<u>0</u>	<u>-</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>-</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>0</u>	<u>-</u>	<u>Z</u>
<u>COAX CONTACT</u> 1 - 50 Ohm Coax 2 - 75Ohm Coax		<u>ORIENTATION / FOOTPRINT (I)</u> 1 - Right Angle PCB Mount 9.4 Ft. Print 5 - Right Angle PCB Mount 7.2 Ft. Print				<u>MOUNTING OPTION</u> See Table 1			<u>CONTACT ARRANGEMENT</u> <u>SEE PAGE 3</u> Example: 2W2 = 02W2 Arrangement 7W2 Shown Above 0			<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>SIGNAL CONTACT</u> 3 - Male Signal Pin & Female Coax																	
<u>RoHS COMPLIANT</u>																	

Coax Contact- Female

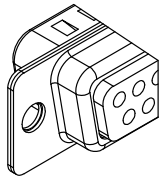


Rev	Issued	Drawn	Checked	Approved	Date	SMP TECHNOLOGY, INC.	
0	Issued	B.S.	S.M.	S.M.	11/23/10	Combo Coax + Signal D - Sub Connector; Right Angle, PCB Mount,	
						Male Signal Pin, Female Coax Contact	
TOL. DEC. .X +/- 0.3 .XX +/- 0.20 .XXX +/- 0.10 ANGLE +/- 3° UNIT: mm						P/N: SX3X0-XXXX-XXXXX0-Z	Pg: 1 of 4

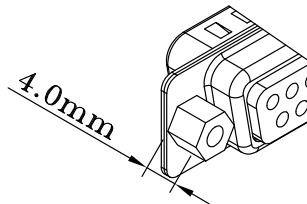
MOUNTING OPTIONS

POWER / COAX COMBO SERIES

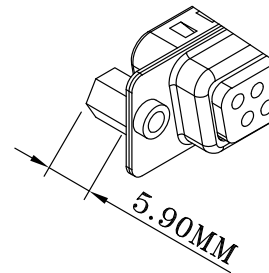
MOUNTING OPTION 10:
3.05MM DIAMETER MOUNTING HOLE



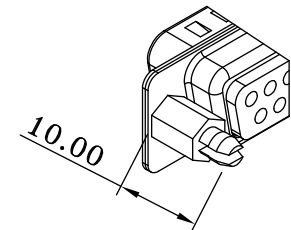
MOUNTING OPTION 11:
RIVETED 4-40 SCREW LOCK ON
BACK SIDE OF SHELL



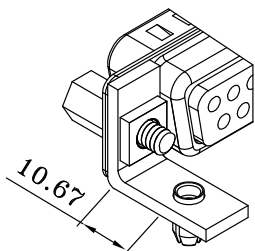
MOUNTING OPTION 12:
RIVETED 4-40 SCREW LOCK ON
FRONT SIDE OF SHELL



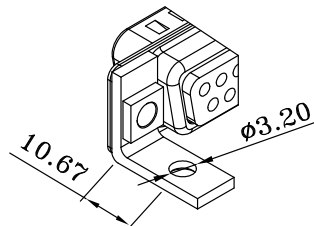
MOUNTING OPTION 13:
RIVETED 4-40 SCREW LOCK ON
BACK SIDE OF SHELL



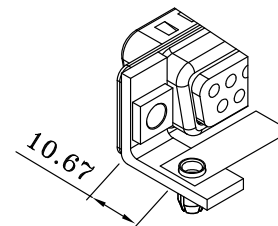
MOUNTING OPTION 15:
4-40 THREADED INSERT W / 4-40
JACKSCREW ATTACHED
WITH BOARD LOCK



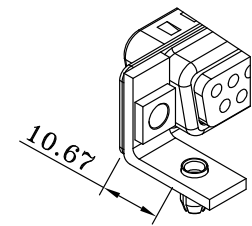
MOUNTING OPTION 16:
4-40 THREADED INSERT WITH
BRACKET (3.20 Ø) MTG. HOLE)



MOUNTING OPTION 17:
4-40 TREADED INSERT WITH
BRACKET WITH BOARD
LOCK / BAKELIGHT



MOUNTING OPTION 18:
4-40 THREADED INSERT
WITH BOARD LOCK



SHELL SIZE

CONTACT ARRANGEMENT

09



2WK2 (MALE)



2WK2 (FEMALE)



2W2



5W1

15



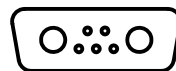
3WK3 (FEMALE)



3WK3 (MALE)



3W3

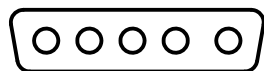


7W2

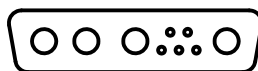


11W1

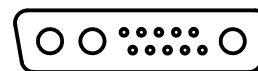
25



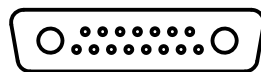
5W5



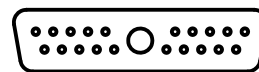
9W4



13W3



17W2

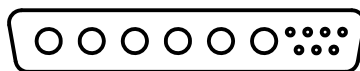


21W1

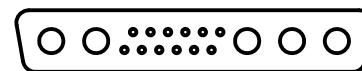
37



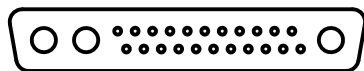
8W8



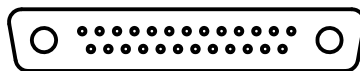
13W6



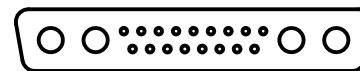
17W5



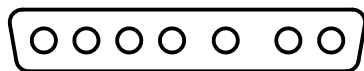
25W3



27W2

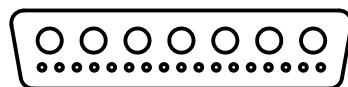


21W4

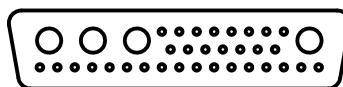


7W7

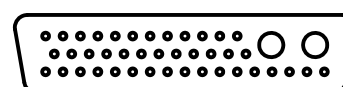
50



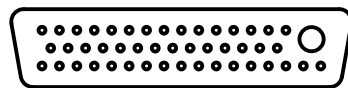
24W7



36W4



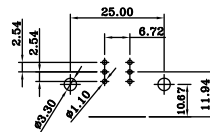
43W2



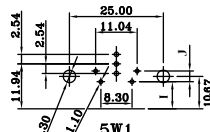
47W1

Footprint (I)	J
9.4	2.54
7.2	2.84

SHELL 09

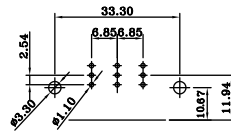


2W2/2WK2

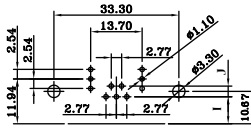


5W1

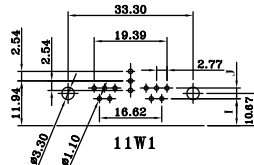
SHELL 15



3W3/3WK3

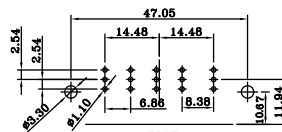


7W2

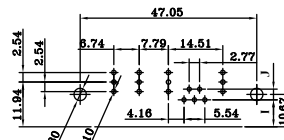


11W1

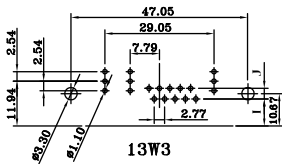
SHELL 25



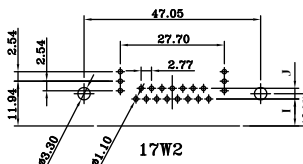
5W5



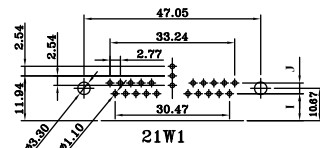
9W4



13W3

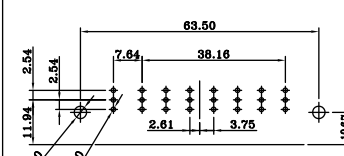


17W2

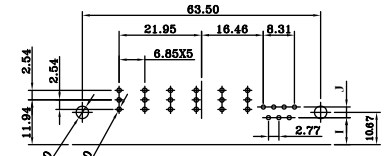


21W1

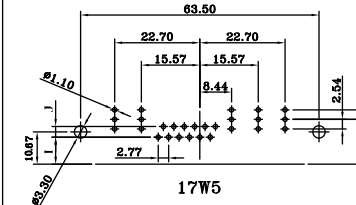
SHELL 37



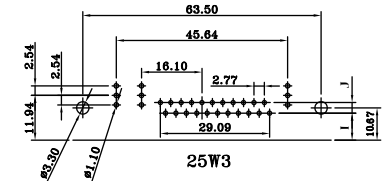
8W8



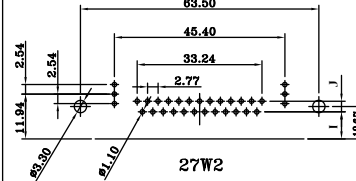
13W6



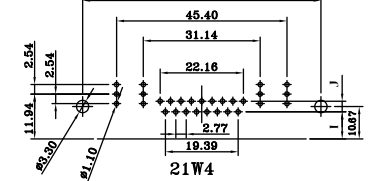
17W5



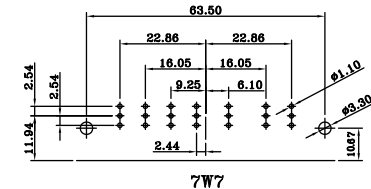
25W3



27W2

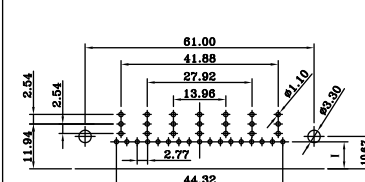


21W4

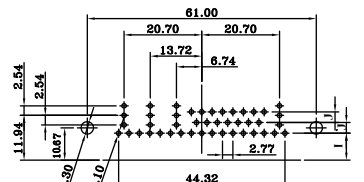


7W7

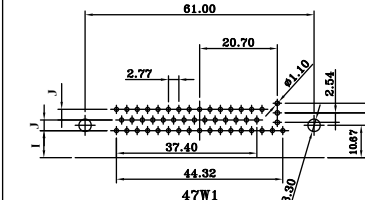
SHELL 50



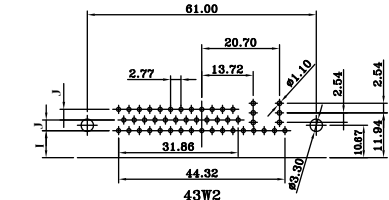
24W7



36W4



47W1



43W2