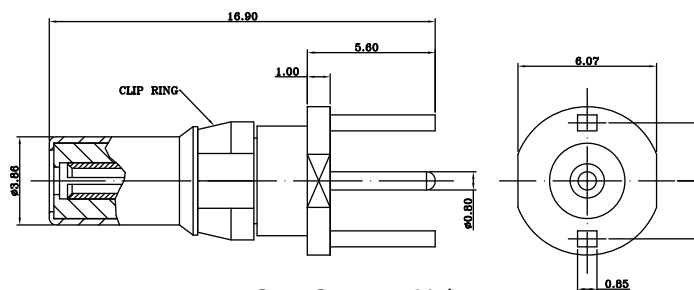
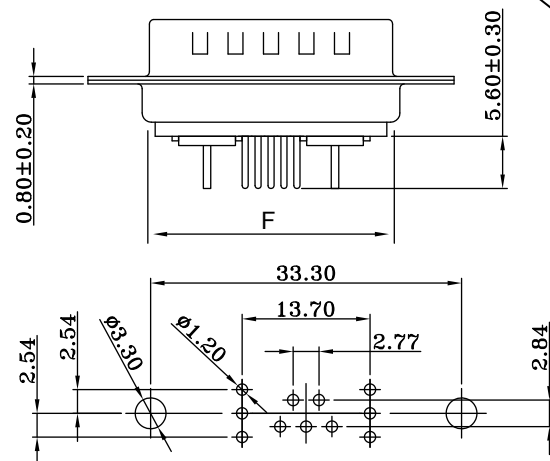


Shell Size	A ± 0.20mm	B ± 0.15mm	C ± 0.20mm	D ± 0.20mm	E ± 0.20mm	F ± 0.20mm	G ± 0.20mm	H ± 0.15mm
9	30.8	25	16.9	12.5	8.3	19.25	6.1	4.1
15	39.2	33.3	25.25	12.5	8.3	27.7	6.1	4.1
25	53.05	47.05	38.95	12.5	8.3	41.2	6.1	4.1
37	69.4	63.5	55.4	12.5	8.3	57.5	6.1	4.1
50	67	61	52.8	15.3	11.15	55	6.1	4.1

10	11	12	13
			

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.



Coax Contact - Male

$$\frac{S}{X} \quad \frac{1}{2} \quad \frac{0}{X} - \frac{X}{X} \quad \frac{X}{X} \quad \frac{X}{X} - \frac{X}{X} \quad \frac{X}{X} \quad \frac{X}{X} \quad \frac{0}{Z}$$

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

3 - 10 AMP
4 - 20 AMP
5 - 30 AMP
6 - 40 AMP

ORIENTATION

2 - Vertical PCB Mount

SIGNAL CONTACT
1 - Male Signal & Male Coax

CONTACT ARRANGEMENT
SEE PAGE 2

Example: $2W2 = 02W2$
Arrangement $7W2$ Shown Above^①

MOUNTING OPTION
See Table 1

SIGNAL CONTACT **POWER CONTACT**
PLATING **PLATING**

- 1 - Full Au Flash
- 2 - 15 u" Au Over Ni
- 3 - 30 u" Au Over Ni
- 4 - 50 u" Au Over Ni

RoHS
COMPLIANT

INSULATOR
COLOR
1 - Black
2 - White
3 - Green
4 - Blue

Rev		Drawn	Checked	Approved	Date
0	Issued	B.S.	S.M.	S.M.	11/11/10

SMP TECHNOLOGY, INC.

Combo Coax + Signal D - Sub Connector; Vertical Mount,

Male Signal Pin, Male Coax Contact

TOL. DEC. .X +/- 0.3 .XX +/- 0.20 .XXX +/- 0.10 ANGLE +/- 3° UNIT: mm

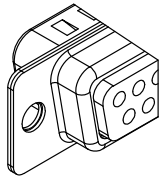
P/N: SX120-XXXX-XXXXX0-Z

Pg: 1 of 4

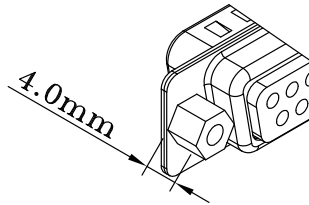
MOUNTING OPTIONS

POWER / COAX COMBO SERIES

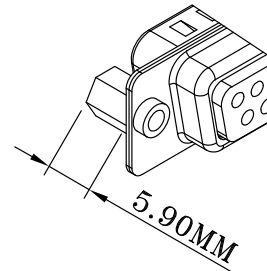
MOUNTING OPTION 10:
3.05MM DIAMETER MOUNTING HOLE



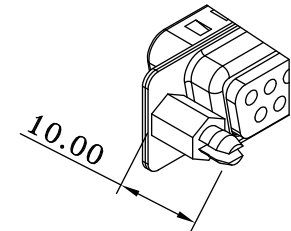
MOUNTING OPTION 11 :
RIVETED 4-40 SCREW LOCK ON
BACK SIDE OF SHELL



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



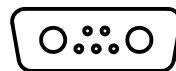
3WK3 (FEMALE)



3WK3 (MALE)



3W3

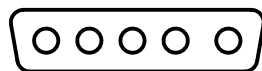


7W2

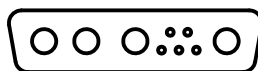


11W1

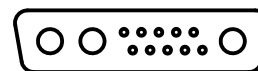
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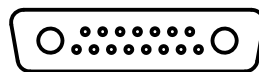
5W5



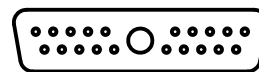
9W4



13W3



17W2



21W1

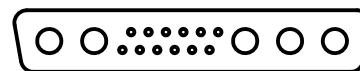
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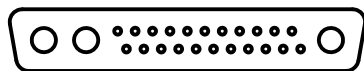
8W8



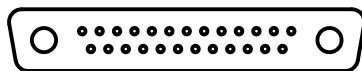
13W6



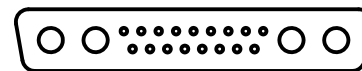
17W5



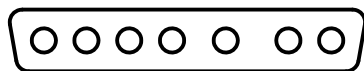
25W3



27W2

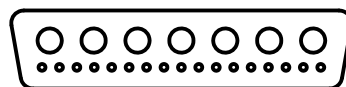


21W4

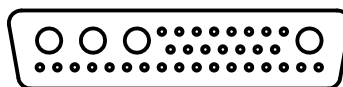


7W7

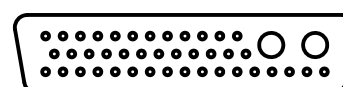
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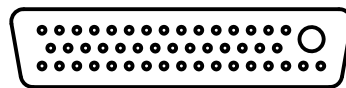
24W7



36W4



43W2



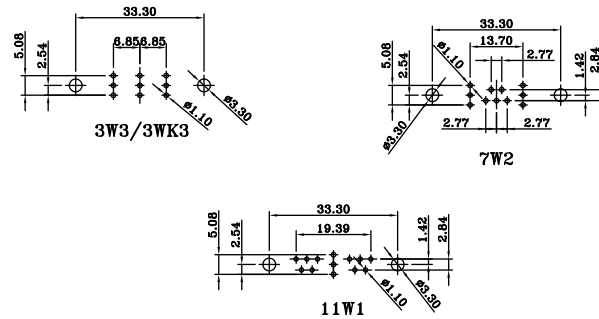
47W1

Footprint (I)	J
9.4	2.54
7.2	2.84

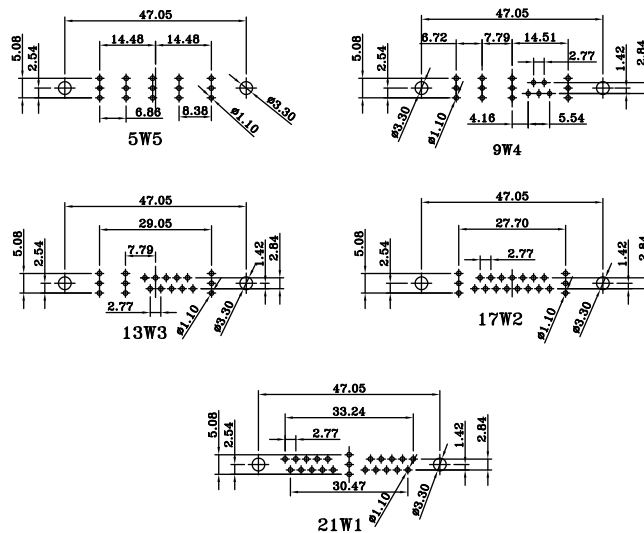
SHELL 09



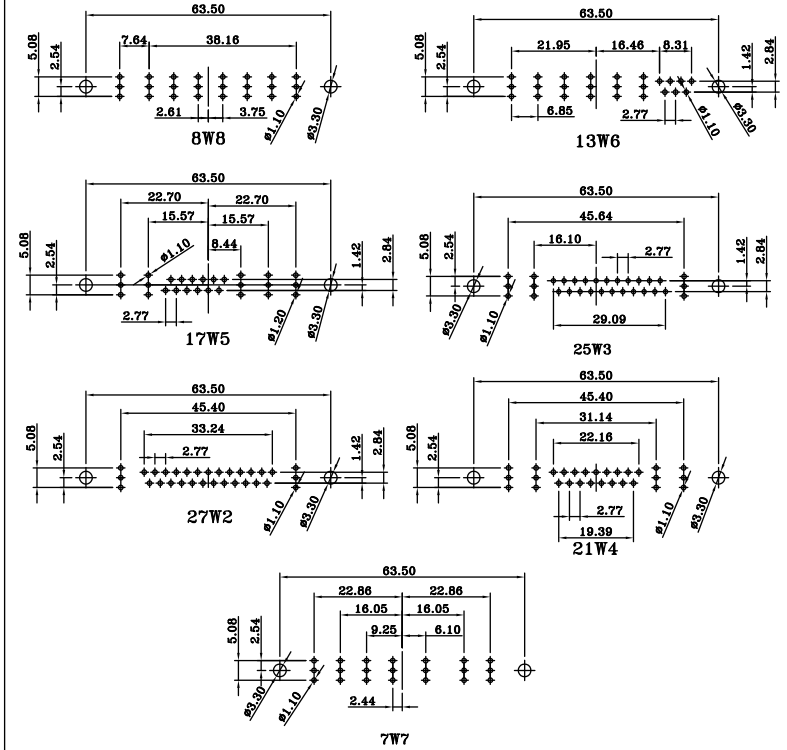
SHELL 15



SHELL 25



SHELL 37



SHELL 50

