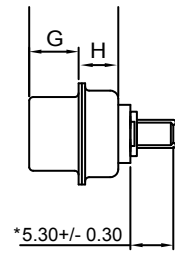
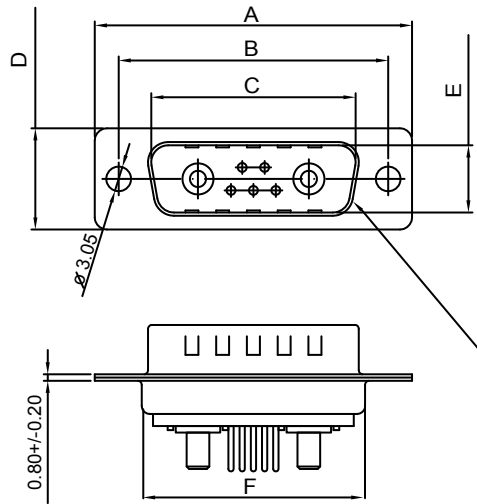


SHELL SIZES

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



* OTHER CONTACT LENGTHS AVAILABLE
CONTACT SMP TECHNOLOGY INC.

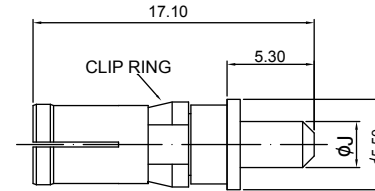
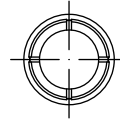
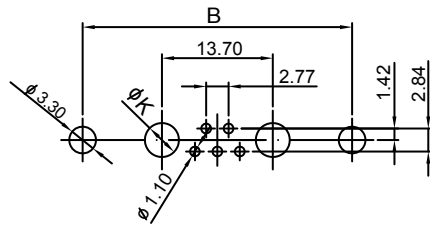
CONTACT ARRANGEMENT 7W2
SEE PAGE 2 FOR OTHER CONTACT ARRANGEMENTS

TABLE - 1 MOUNTING OPTIONS

10	11	12	13

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

SEE PAGE 3 FOR OTHER PCB LAYOUTS



Power Contact - Female

TABLE - 2

CURRENT RATING	ØJ	ØK
10A	1.70	2.20
20A	2.80	3.30
30A	3.20	3.70
40A	3.75	4.20

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:

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

Rev	Drawn	Checked	Approved	Date				
0 Issued	B.S.	S.M.	S.M.	11/11/10	SMP TECHNOLOGY, INC.			
					Combo Power + Signal D - Sub Connector; Vertical Mount,			
					Male Signal Pin, Female Power Contact			
TOL. DEC. .X +/- 0.3 .XX +/- 0.20 .XXX +/- 0.10 ANGLE +/- 3° UNIT: mm					P/N: PX320-XXXX-XXXXX0-Z Pg: 1 of 3			

SHELL SIZE

CONTACT ARRANGEMENT

09



2WK2 (MALE)



2WK2 (FEMALE)



2W2



5W1

15



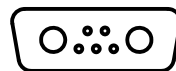
3WK3 (FEMALE)



3WK3 (MALE)



3W3

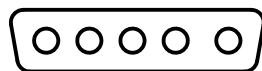


7W2

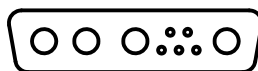


11W1

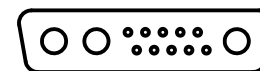
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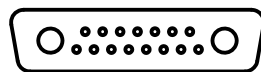
5W5



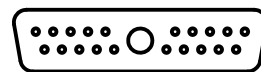
9W4



13W3



17W2



21W1

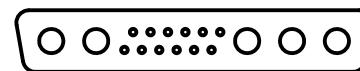
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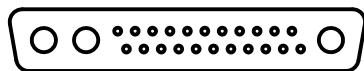
8W8



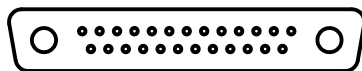
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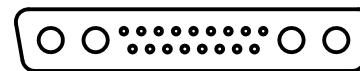
17W5



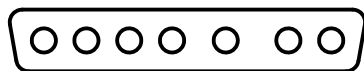
25W3



27W2

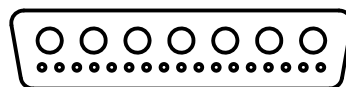


21W4

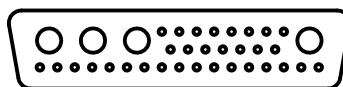


7W7

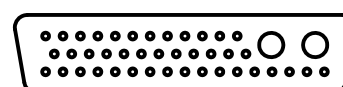
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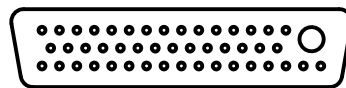
24W7



36W4



43W2



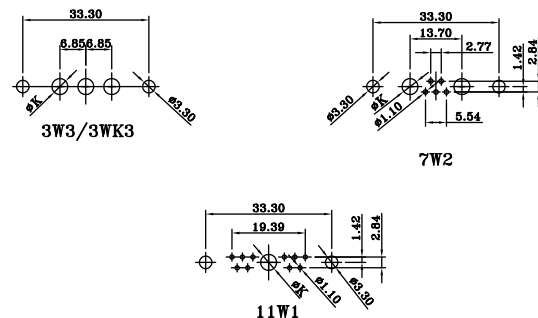
47W1

PCB LAYOUT FOR VERTICAL POWER CONTACT + SIGNAL CONTACT

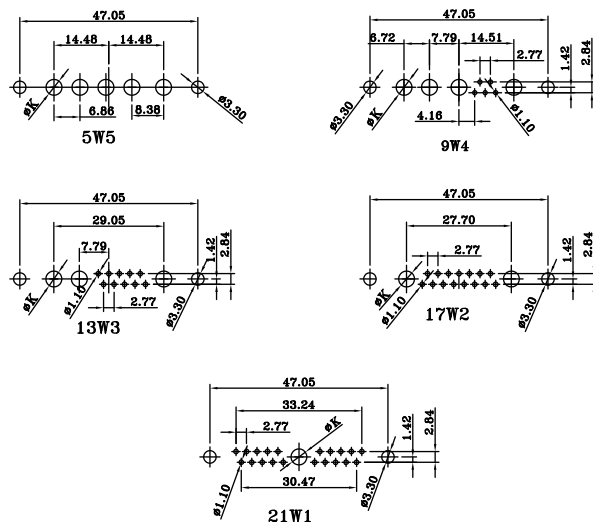
SHELL 09



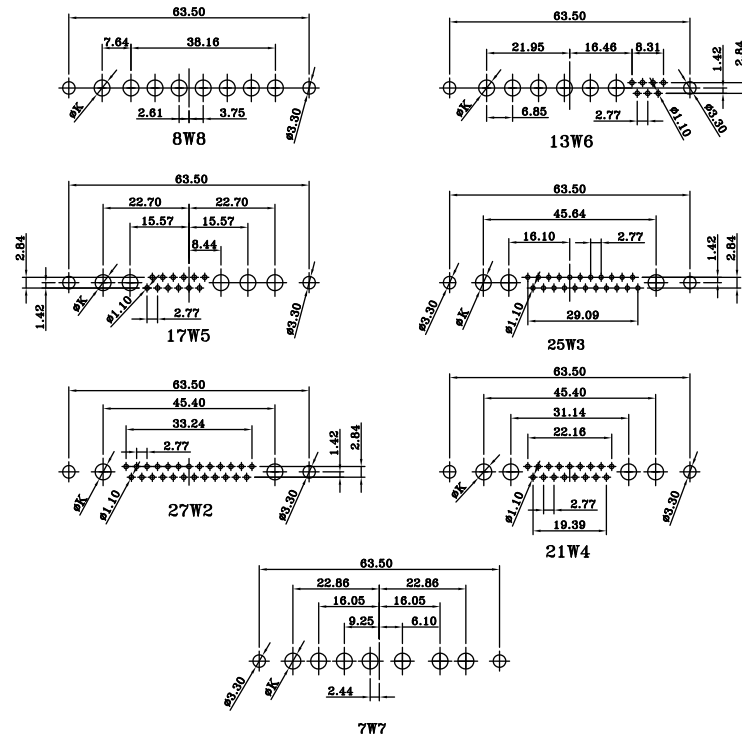
SHELL 15



SHELL 25



SHELL 37



SHELL 50

