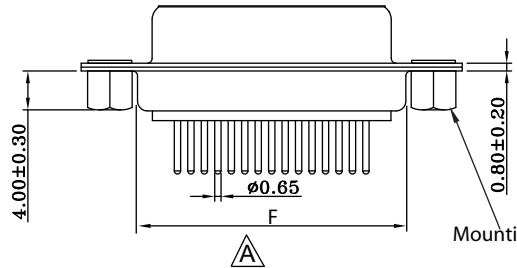


TABLE - 1 MOUNTING OPTIONS

10	11	12	14	16

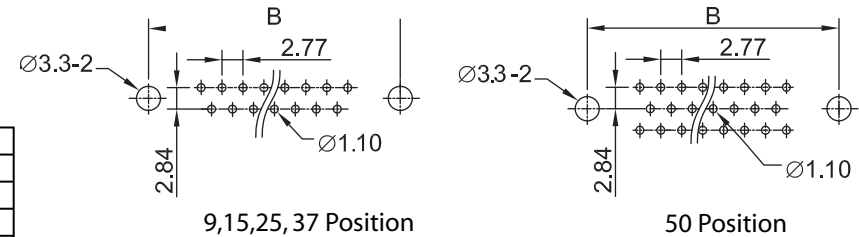
For Mounting Options 11, 12, 13 & 14 with Locktite installed on inside threads - replace the "1" with the letter L.
Example: Option 11 with Locktite installed - use mounting option L1.

17	19	20	21	22



Mounting Option 11 Shown (See Table 1 For Additional Options)

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	16.3	12.5	7.9	19.25	5.8	4.88
15	39.2	33.3	24.6	12.5	7.9	27.7	5.8	4.88
25	53.05	47.05	38.4	12.5	7.9	41.2	5.8	4.88
37	69.4	63.5	54.8	12.5	7.9	57.5	5.8	4.88
50	67	61	52.2	15.3	10.9	55	6	4.88



RECOMMENDED PCB LAYOUT

MATERIAL & FINISH:

Shell: Steel Material, Front Shell -Tin or Nickel Finish
Back Shell - Tin or Nickel Finish
Dimples on plug only
Insulator: PBT Thermoplastic, 30% Glass Filled
Contact: Copper Alloy or Phosphor Bronze, Gold Plated; Machined

ELECTRICAL:

Signal Contact Current Rating: 5.0 AMPS
Signal Contact Resistance: 10.0 milliohms MAX.
Dielectric Withstanding Voltage: 1000 VAC For 1 Minute
Insulation Resistance: 5000 Megaohms
Temperature Rating: -55C ~ 125C

HOW TO ORDER:

A 0 3 1 - X X 2 X - X X X X - Z

<p>CONTACT GENDER & BASE METAL 1 - Receptacle - Copper Alloy</p>	<p>CONTACT TYPE 2 - Machined 5.50 mm Tail Length</p>	<p>MOUNTING OPTION See Table 1</p>	<p>INSULATOR COLOR 1 - Black 2 - White 3 - Green 4 - Blue</p>	<p>RoHS COMPLIANT</p>
<p>NUMBER OF CONTACTS 09, 15, 25, 37, 50</p>	<p>SHELL PLATING 1 - Tin Plated 2 - Zinc Plated 3 - Nickel Plated</p>	<p>CONTACT PLATING 1 - Full Au Flash 2 - 15 u" Au Over Ni 3 - 30 u" Au Over Ni 4 - 50 u" Au Over Ni</p>		

Rev	Drawn	Checked	Approved	Date
0	B.S.	S.M.	S.M.	11/11/10
A	B.S.	S.M.	S.M.	04/23/15

SMP TECHNOLOGY, INC.
D - Sub Connector; Vertical Mount; Receptacle; Copper Alloy, Machined Contact Type