

**Right-Angle, PCB Plugs, Series 109, with One Piece Insert
(Industrial Grade)**

Material and Finish:

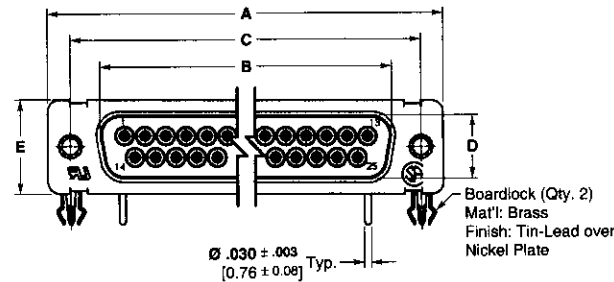
Shell — Steel, see below

Insert — Thermoplastic

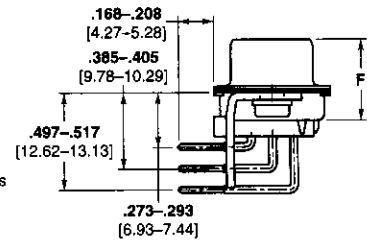
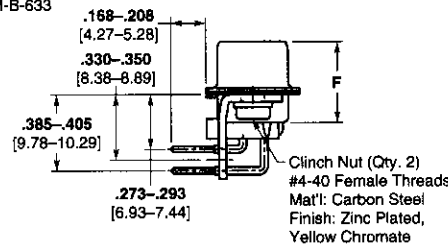
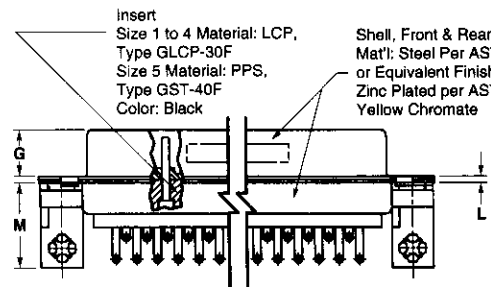
Contact Material — Brass or Beryllium copper

Contact Finish — Gold with .000010 [0.00025] min. gold plate over .000050 [0.00127] min. nickel underplate

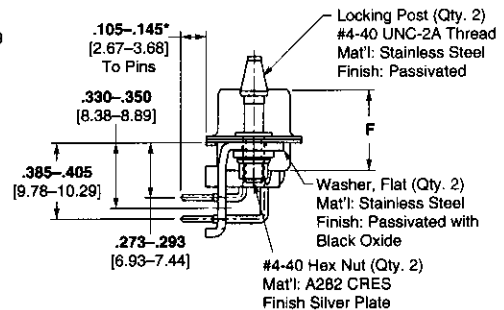
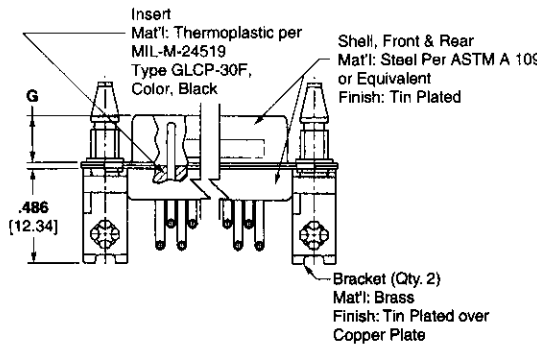
Interfacial Seal — Fluorosilicone



3 and 5 Positions (with interfacial seal)



9 Position (with Locking Post)



*Signal Contacts are solder dipped with SnPb 63/37 to meet the requirements of MIL-DTL-24308, method 208.

MS Shell Size	Connector Style	Dimensions										
		A	B	C	D	E	F	G	H	J	L	M
1	Plug	1.198/1.228 30.43/31.19	.661/.671 16.21/16.46	.979/.989 24.87/25.12	.324/.334 8.23/8.48	.479/.509 12.17/12.93	.412/.432 10.46/10.97	.229/.238 5.82/6.05	.749/.769 19.02/19.53	.412/.432 10.46/10.97	.020/.040 0.51/1.02	—
3	Plug	2.073/2.103 52.65/53.42	1.529/1.539 38.25/38.51	1.847/1.857 46.91/47.17	.324/.334 8.23/8.48	.479/.509 12.17/12.93	.416/.436 10.57/11.07	.224/.236 5.69/5.99	1.615/1.635 41.02/41.53	.412/.432 10.46/10.97	.029/.049 0.74/1.24	.435/.443 11.05/11.25
5	Plug	2.620/2.650 66.55/67.31	2.074/2.084 52.30/52.55	2.401/2.411 60.99/61.24	.436/.446 11.07/11.33	.590/.620 14.99/15.75	.416/.436 10.57/11.07	.224/.236 5.69/5.99	2.168/2.188 55.07/55.58	.524/.544 13.31/13.82	.029/.049 0.74/1.24	.490/.498 12.45/12.65

Plug Assemblies — .030 [0.76] Post Dia.

Shell Size	No. Pos.	With Interfacial Seal	Part No.	
			Tin Plated Shells	Zinc Plated Shells
1	9	No	1218606-6	—
3	25	Yes	—	1218538-3
5	50	Yes	—	1218538-5