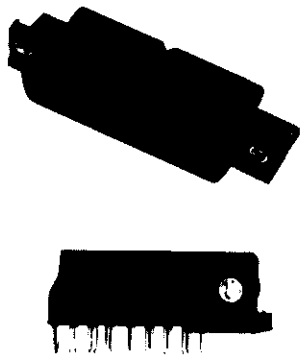


HD-20 All-Plastic Right-Angle Posted Connectors 318 Mount (Continued)

Plug



With Threaded Insert

Material and Finish:

Housing—94V-0 rated thermoplastic, black

Eyelets—Brass, tin plated

Threaded Inserts—Zinc

Boardlock—Copper alloy, tin-lead plated

Pin Contacts (Posted)—Copper alloy, duplex plated as follows:

A—.000030 [0.00076] gold on mating end, tin-lead on termination end, with entire contact nickel underplated

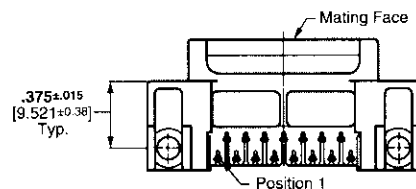
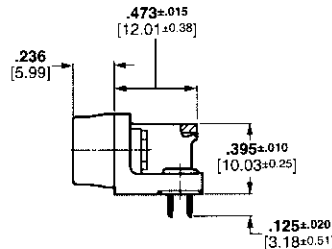
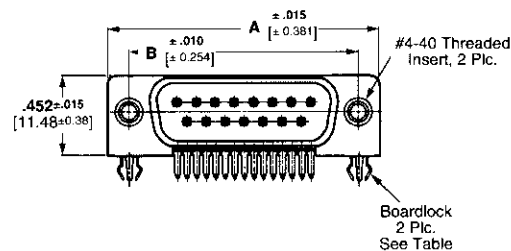
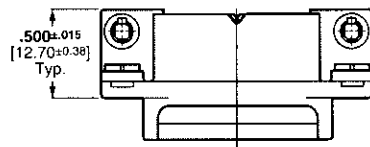
B—.000010 [0.00025] min. gold on mating end, tin-lead on termination end, with entire contact nickel underplated

Technical Documents:

Product Specification—108-1226

Application Specification—114-40027

See customer drawings for printed circuit board layouts.



Shell Size	No. of Contact Positions	Dimensions		Contact Finish (Plating Code)	Part Numbers With Threaded Inserts	
		A	B		With Boardlocks	Without Boardlocks
2	15	1.550	1.312	A	748904-1	—
		39.37	33.32			
3	25	2.090	1.852	B	—	748865-3
		53.09	47.04			

Consult Tyco Electronics for availability.

- Notes:**
1. All plug connectors are preloaded with size 20 DF posted pin contacts.
 2. Recommended pc board thickness is .062 [1.58].
 3. Male screw retainers are used as mating hardware for connectors with 4-40 female screwlocks.