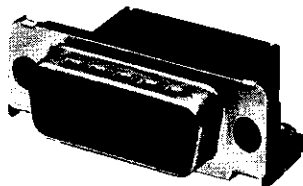


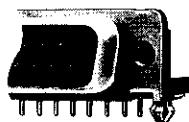
HD-20 Front Metal-Shell Right-Angle Posted Connectors 590 Mount

Post Size—.026 [0.66] Dia.

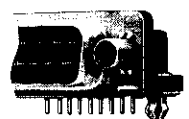
Plug



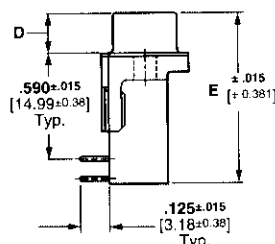
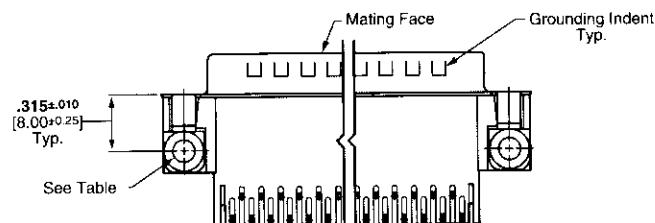
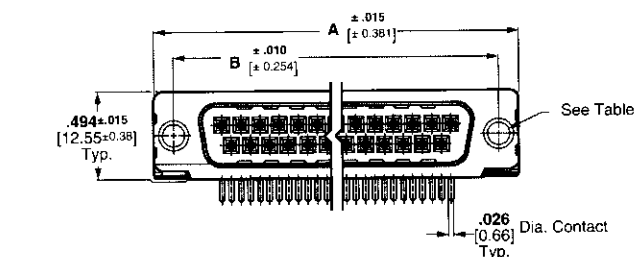
With Grounding Indents and Grounding Straps



With Threaded Insert



With Fixed Female Screwlock



Material and Finish:

- Front Shell**—Steel, tin plated
Housing—94V-0 rated thermoplastic, black
Eyelets—Brass, tin plated
Threaded Inserts—Zinc
Female Screwlock—Zinc
Boardlocks—Copper alloy, tin-lead plated
Pin Contacts (Posted)—Brass, duplex plated as follows:
A—Gold on mating end, tin-lead on termination end, with entire contact nickel underplated
B—Gold flash on mating end, tin-lead on termination end, with entire contact nickel underplated

Technical Documents:

- Product Specification**—108-40025
Application Specification—114-40010

Shell Size	No. of Contact Positions	Dimensions				Contact Finish (Plating Code)	Plug Part Numbers		
		A	B	D	E		Without Boardlocks		With Boardlocks
							With Threaded Inserts	With Threaded Inserts	With Fixed Female Screwlocks
1	9	1.213	.984	.235	.965	A	745990-4	747832-4	747832-6
		30.81	24.99	5.97	24.51	B	745990-3	747832-3	—
2	15	1.541	1.312	.235	.965	A	—	747833-4	747833-6
		39.14	33.33	5.97	24.51				
3	25	2.088	1.852	.230	.970	A	745994-4	747834-4	747834-6
		53.04	47.04	5.84	24.64				
4	37	2.729	2.500	.230	.972	A	—	747835-4	747835-6
		69.32	63.50	5.84	24.69				

- Notes:** 1. All plug connectors are preloaded with size 20 DF posted pin contacts.
2. Recommended pc board thickness is .062 [1.58] for connectors with boardlocks and .093 [2.36] max. for all others.
3. Male screw retainers are used as mating hardware for connectors with 4-40 female screwlocks.

.590 [14.99] Board Mount Footprint