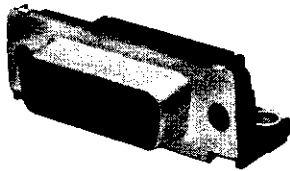


## HD-20 Front Metal-Shell Right-Angle Posted Connectors 318 Mount (Continued)

Post Size—.026 [0.66] Dia.

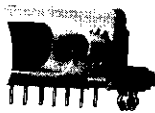
Receptacle



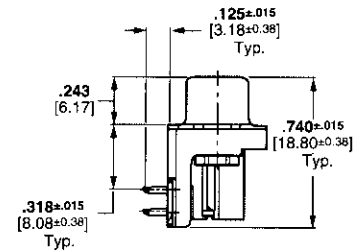
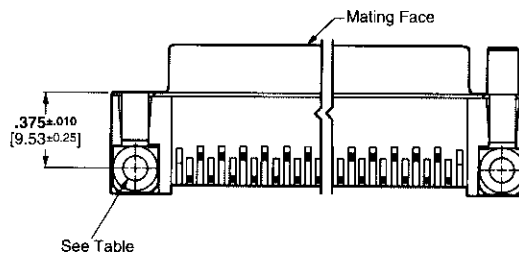
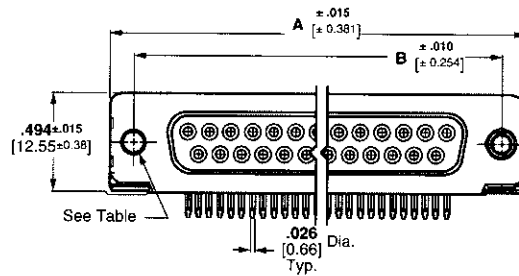
With Grounding Straps



With Threaded Insert



With Fixed Female Screwlock



### Material and Finish:

- Front Shell**—Steel, tin plated
- Housing**—94V-0 rated thermoplastic, compatible with standard wave, vapor phase, and infra-red reflow (SMT) soldering, black
- Eyelets**—Brass, tin plated
- Threaded Inserts**—Zinc
- Female Screwlock**—Zinc
- Boardlocks**—Copper alloy, tin-lead plated
- Socket Contacts (Posted)**—Phosphor bronze, duplex plated as follows:
  - A**—.000030 [0.00076] 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)	Receptacle Part Numbers		
		A	B		Without Boardlocks		With Boardlocks
					With Fixed Female Screwlocks	With Threaded Inserts	With Fixed Female Screwlocks
1	9	1.213	.984	A	788803-1	788796-1	788797-1
		30.81	24.99	B	—	788796-2	788797-2
2	15	1.541	1.312	A	—	788798-1	788799-1
		39.14	33.33	B	—	788798-2	—
3	25	2.088	1.852	A	—	788800-1	788801-1
		53.04	47.04	B	—	788800-2	788801-2
4	37	2.729	2.500	A	—	788802-1	—
		69.32	63.50				

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