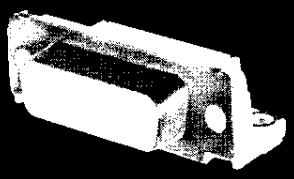
HD-20 Front Metal-Shell Right-Angle Posted Connectors 318 Mount (Continued)

Post Size—.026 [0.66] Dia.

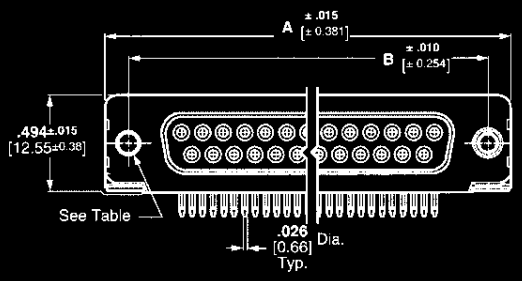


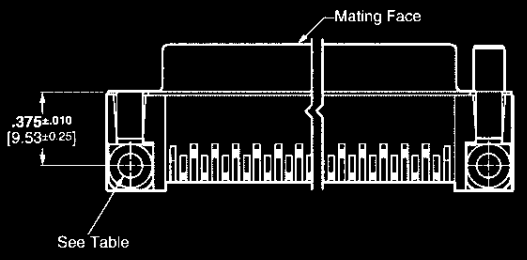
With Grounding Straps

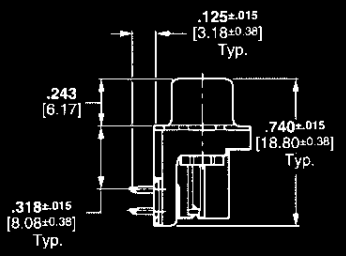
With Threaded Insert

With Fixed Female Screwlock

Receptacle







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
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 A	Dimensions B	Contact Finish (Plating Code)	Receptacle Part Numbers: Without Boardlocks: With Standard Mounting Holes	Without Boardlocks: With Threaded Inserts	Without Boardlocks: With Fixed Female Screwlocks	With Boardlocks: With Standard Mounting Holes	With Boardlocks: With Threaded Inserts	With Boardlocks: With Fixed Female Screwlocks
1	9	**1.213** 30.81	**.984** 24.99	A	745781-2	745781-4	745781-6	747844-2	747844-4	747844-6
				B	—	745781-3	—	—	747844-3	747844-5
2	15	**1.541** 39.14	**1.312** 33.33	A	745782-2	745782-4	745782-6	747845-2	747845-4	747845-6
				B	—	—	—	—	747845-3	747845-5
3	25	**2.088** 53.04	**1.852** 47.04	A	745783-2	745783-4	745783-6	747846-2	747846-4	747846-6
				B	—	745783-3	745783-5	—	747846-3	747846-5
4	37	**2.729** 69.32	**2.500** 63.50	A	745784-2	745784-4	745784-6	—	747847-4	747847-6

Notes: 1. All receptacle connectors are preloaded with size 20 DF posted socket 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.

Catalog 82068
Revised 3-04

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Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-141-810-8967