

Electronics

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

Post Size—.026 [0.66] Dia.



With Grounding Straps

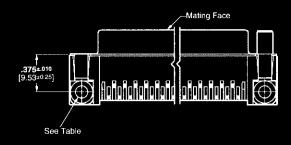


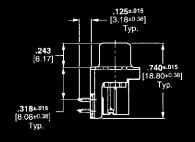
With Threaded Insert



With Fixed Female Screwlock

B ± .010 [± 0.254] **@@@@@@ @@@@@** 90000 $\Theta \Theta \Theta \Theta \Theta \Theta$ 00080540000 Dia.





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:

Receptacle

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

Shell Size	No. of Contact Positions				Receptacle Part Numbers					
		Dimensions		Contact	Without Boardlocks			With Boardlocks		
		A	В	Finish (Plating Code)	With Standard Mounting Holes	With Threaded Inserts	With Fixed Female Screwlocks	With Standard Mounting Holes	With Threaded Inserts	With Fixed Female Screwlocks
4	9	1.213 30.81	. 984 24.99	Α	745781-2	745781-4	745781-6	747844-2	747844-4	747844-6
1				В		745781-3	_		747844-3	747844-5
2	15	1.541 39.14	1.312 33.33	Α	745782-2	745782-4	745782-6	747845-2	747845-4	747845-6
2				В					747845-3	747845-5
3	25	2.088 53.04	1.852 47.04	Α	745783-2	745783-4	745783-6	747846-2	747846-4	747846-6
3				В	_	745783-3	745783-5		747846-3	747846-5
4	37	2.729 69.32	2.500 63.50	А	745784-2	745784-4	745784-6	_	747847-4	747847-6

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.