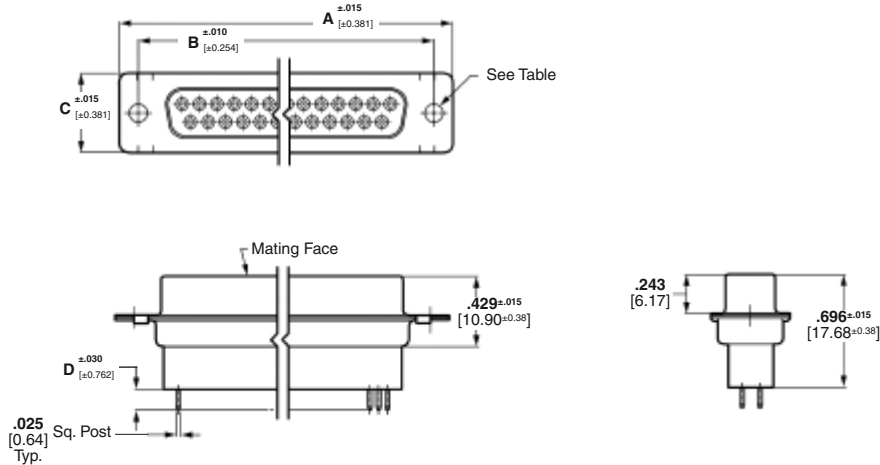


HD-20 Full Metal-Shell Straight Posted Connectors (Continued)

Receptacle



With Clinch Nuts



See customer drawings for pcb layouts.

Material and Finish:

- Shell**—Steel, tin plated
- Insert**—94V-0 rated thermoplastic, black
- Clinch Nuts**—Steel, zinc plated
- Socket Contacts (Posted)**—Phosphor bronze, plated as follows:
 - A**—.000030 [0.00076] gold on mating end, tin on termination end, with entire contact .000050 [0.00127] (min.) nickel underplated
 - B**—Gold flash on mating end, tin on termination end, with entire contact .000050 [0.00127] (min.) nickel underplated

Technical Documents:

Product Specification—108-40025

Shell Size	No. of Contact Positions	Dimensions				Contact Finish (Plating Code)	Receptacle Part Numbers	
		A	B	C	D*		With .120 [3.05] Mounting Holes	With Clinch Nuts
1	9	1.213 30.81	.984 24.99	.494 12.55	.125 3.18	A	5745183-1	5747190-2
					.188 4.78	B	5745183-2	5747190-1
					.188 4.78	A	5745183-7	5747190-4
					.188 4.78	B	—	—
2	15	1.541 39.14	1.312 33.33	.494 12.55	.125 3.18	A	5745185-1	5745820-1
					.188 4.78	B	—	5745820-2
					.125 3.18	A	5745185-7	—
					.188 4.78	B	—	—
3	25	2.088 53.04	1.852 47.04	.494 12.55	.125 3.18	A	5745187-1	5745886-1
					.188 4.78	B	—	5745886-2
					.125 3.18	A	5745187-7	—
					.188 4.78	B	5745187-8	—
4	37	2.729 69.32	2.500 63.50	.494 12.55	.125 3.18	A	5745189-1	5747315-1
					.188 4.78	A	5745189-7	—
					.125 3.18	A	5745191-1	5747302-1
					.188 4.78	A	5745191-7	—

*.125 [3.18] post length is for recommended pc board thickness of .062-.093 [1.58-2.36] max.; .188 [4.78] post length is for recommended pc board thickness of .093-.125 [2.36-3.18].

- Notes:**
1. All receptacles are preloaded with size 20 DF posted socket contacts.
 2. Special loading of contacts can be arranged upon request.
 3. Longer post lengths available, consult TE.

Note: All part numbers are RoHS compliant.