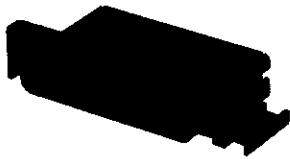


HD-20 All-Plastic Right-Angle Posted Connectors 590 Mount (Continued)

Post Size—.026 [0.66] Dia.

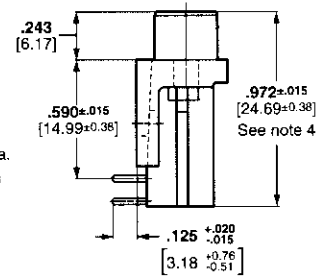
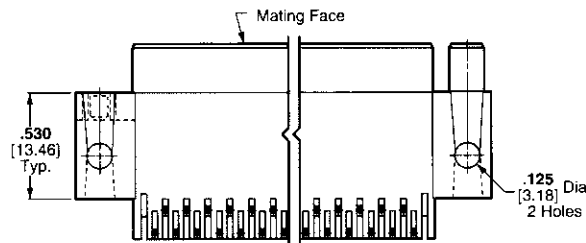
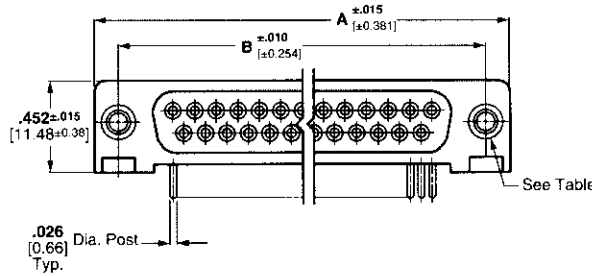
Receptacle—Without Boardlocks



With Threaded Insert



With Female Screwlock



Material and Finish:

Housing—94V-0 rated thermoplastic, black

Threaded Inserts—Zinc, chromate coated

Female Screwlocks—Zinc, chromate coated

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—114-40015

See customer drawings for printed circuit board layouts.

| Shell Size | No. of Contact Positions | Dimensions | | Contact Finish (Plating Code) | Part Numbers | | |
|------------|--------------------------|------------|-------|-------------------------------|-----------------------|------------------------------|---------------------------------|
| | | A | B | | With Threaded Inserts | With Fixed Female Screwlocks | With .125 [3.18] Mounting Holes |
| 1 | 9 | 1.213 | .984 | A | 747459-4 | 747459-6 | 747459-2 |
| | | 30.81 | 24.99 | B | 747459-3 | 747459-5 | 747459-1 |
| 2 | 15 | 1.541 | 1.312 | A | 747460-4 | 748948-1 | 747460-2 |
| | | 39.14 | 33.32 | B | 747460-3 | 747460-5 | 747460-1 |
| 3 | 25 | 2.088 | 1.852 | A | 747461-4 | 747461-6 | 747461-2 |
| | | 53.04 | 47.04 | B | 747461-3 | 747461-5 | 747461-1 |
| 4 | 37 | 2.729 | 2.500 | A | 747462-4 | 747462-6 | 747462-2 |
| | | 69.32 | 63.50 | | | | |
| 5 | 50 | 2.635 | 2.406 | A | — | — | 206973-1 |
| | | 66.93 | 61.11 | B | — | — | 206973-2 |

- Notes:**
- All receptacle connectors are preloaded with size 20 DF posted socket contacts.
 - Recommended pc board thickness is .093 [2.36] max.
 - Male screw retainers are used as mating hardware for connectors with 4-40 female screwlocks.
 - Dimension is 1.120 [28.45] for size 5 d-sub.

.590 [14.99] Board Mount Footprint