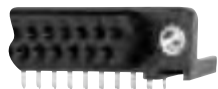


## HD-20 All-Plastic Right-Angle Posted Connectors 590 Mount (Continued)

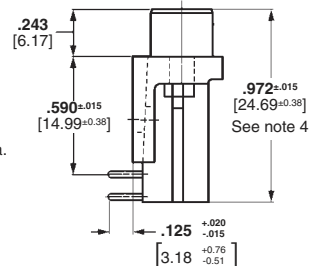
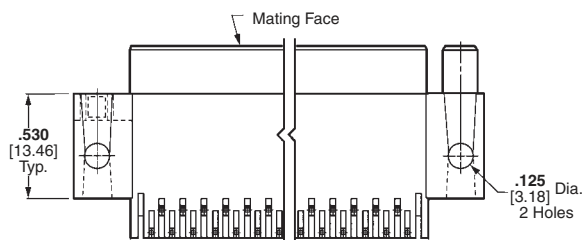
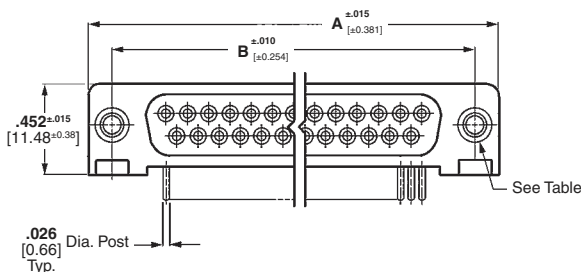
Post Size—.026 [0.66] Dia. Receptacle—Without Boardlocks



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 on termination end, with entire contact nickel underplated

**B**—Gold flash on mating end, tin 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                             | 5747459-4             | 5747459-6                    | 5747459-2                       |
|            |                          | 30.81      | 24.99 | B                             | 5747459-3             | 5747459-5                    | 5747459-1                       |
| 2          | 15                       | 1.541      | 1.312 | A                             | 5747460-4             | 5748948-1                    | 5747460-2                       |
|            |                          | 39.14      | 33.32 | B                             | 5747460-3             | 5747460-5                    | 5747460-1                       |
| 3          | 25                       | 2.088      | 1.852 | A                             | 5747461-4             | 5747461-6                    | 5747461-2                       |
|            |                          | 53.04      | 47.04 | B                             | 5747461-3             | 5747461-5                    | 5747461-1                       |
| 4          | 37                       | 2.729      | 2.500 | A                             | 5747462-4             | 5747462-6                    | 5747462-2                       |
|            |                          | 69.32      | 63.50 |                               |                       |                              |                                 |
| 5          | 50                       | 2.635      | 2.406 | A                             | —                     | —                            | 5206973-1                       |
|            |                          | 66.93      | 61.11 | B                             | —                     | —                            | 5206973-2                       |

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

**Note:** All part numbers are RoHS compliant.