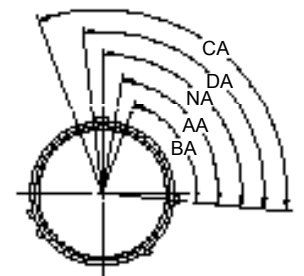
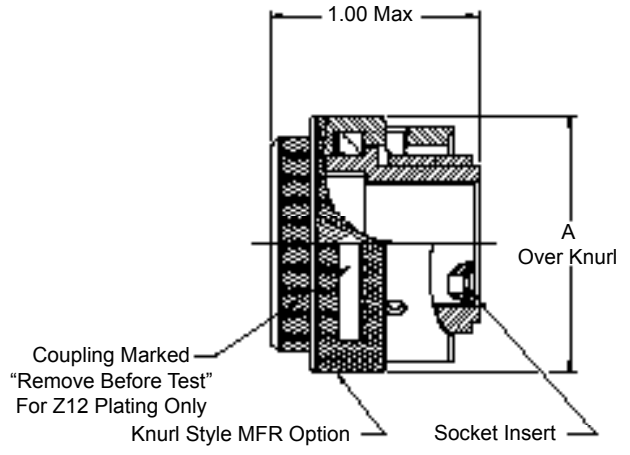
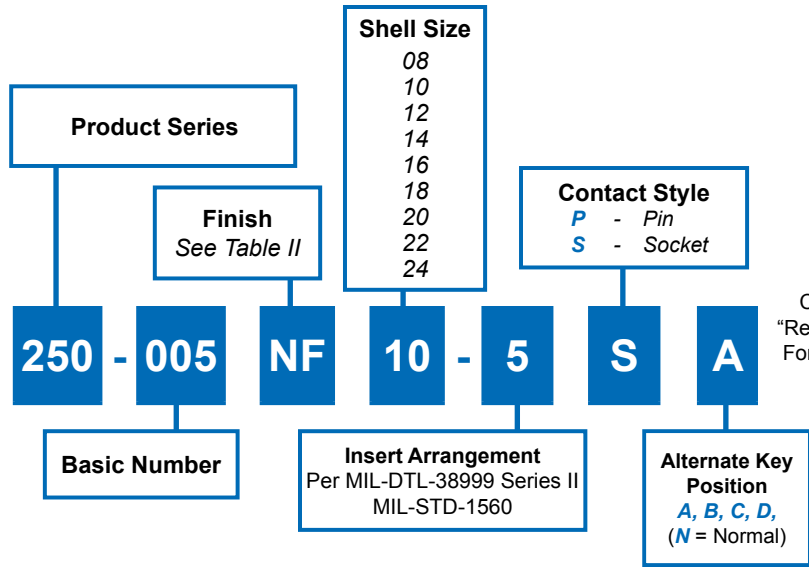


**250-005**  
**Shorting Plug**  
**MIL-DTL-38999 Series II Type**



**Figure 1**  
 Master Keyway Position  
 Face View Shown  
 Insert Arrangement Does  
 Not Rotate With Master Keyway

**D**

**TABLE I: CONNECTOR DIMENSIONS**

| SHELL SIZE | A MAX       | ALTERNATE KEYWAY POSITIONS |     |     |      |      |
|------------|-------------|----------------------------|-----|-----|------|------|
|            |             | NA                         | AA  | BA  | CA   | DA   |
| 08         | .750(19.1)  | 100A                       | 82A | -   | -    | 118A |
| 10         | .859(21.8)  | 100A                       | 86A | 72A | 128A | 114A |
| 12         | 1.031(26.2) | 100A                       | 80A | 68A | 132A | 120A |
| 14         | 1.156(29.4) | 100A                       | 79A | 66A | 134A | 121A |
| 16         | 1.281(32.5) | 100A                       | 82A | 70A | 130A | 118A |
| 18         | 1.406(35.7) | 100A                       | 82A | 72A | 130A | 118A |
| 20         | 1.531(38.9) | 100A                       | 82A | 70A | 130A | 118A |
| 22         | 1.641(41.7) | 100A                       | 85A | 74A | 126A | 115A |
| 24         | 1.766(44.9) | 100A                       | 85A | 74A | 126A | 115A |

**TABLE II: FINISH**

| SYM | FINISH  |
|-----|---|
| M   | Electroless Nickel                                    |
| MT  | Ni-PTFE 1000 Hour Grey™ (Nickel-Fluorocarbon Polymer) |
| NF  | Cadmium O.D. Over Electroless Nickel                  |
| N   | Cadmium O.D. Over Nickel Plate                        |

**APPLICATION NOTES**

1. Assembly identified with manufacturer's name, part number and date code.
2. All contacts are shorted to each other and to the shell, max resistance between contacts and shall shall be 2.5 milliohms.
3. Material/Finish:  
 Barrel, coupling nut, cover—aluminum alloy/see Table II  
 Contacts, grounding ring—copper alloy/gold plate  
 Grounding wafer—copper/tin plate  
 Wave washer—CRES/passivate  
 Insulators—high grade rigid dielectric/N.A.
4. Metric Dimensions (mm) are indicated in parentheses.