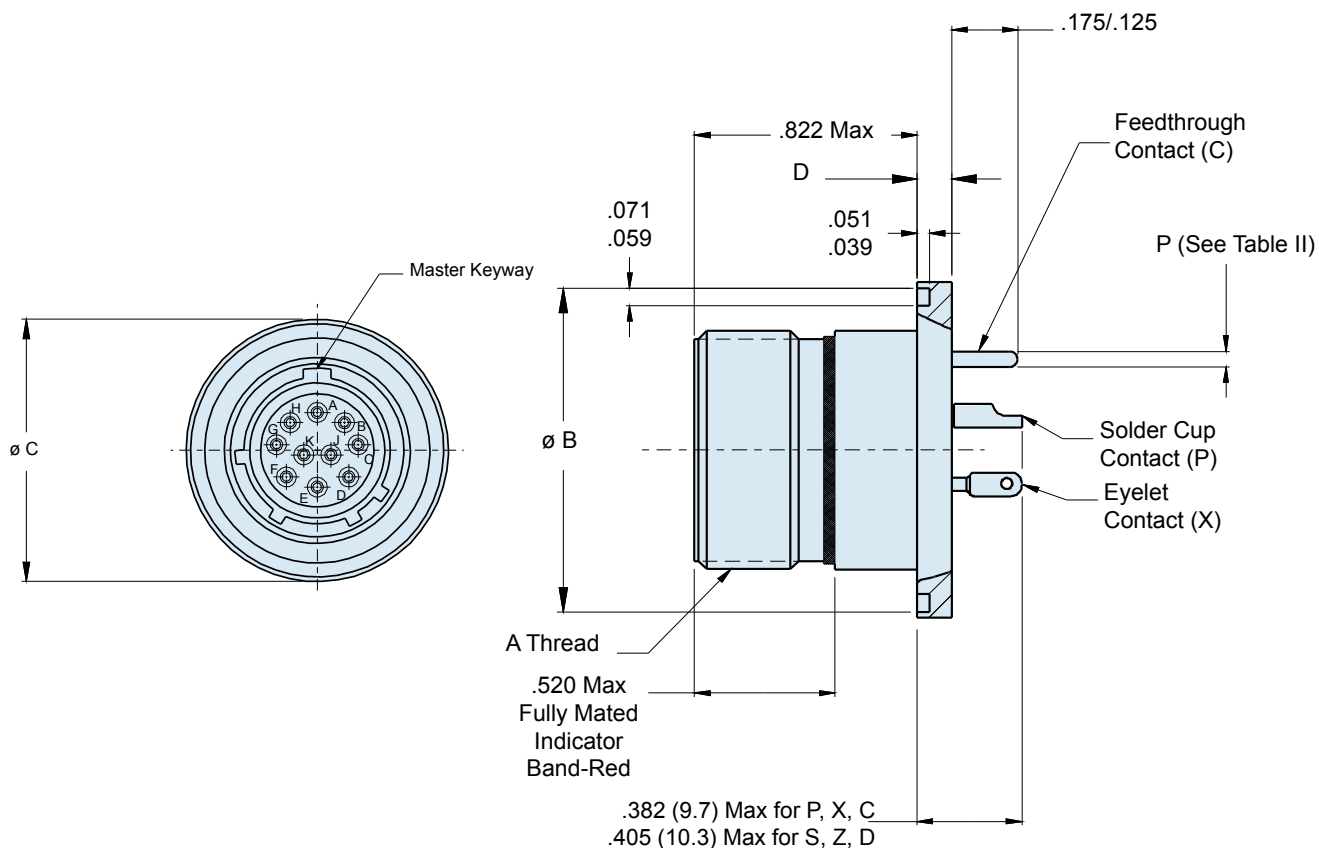
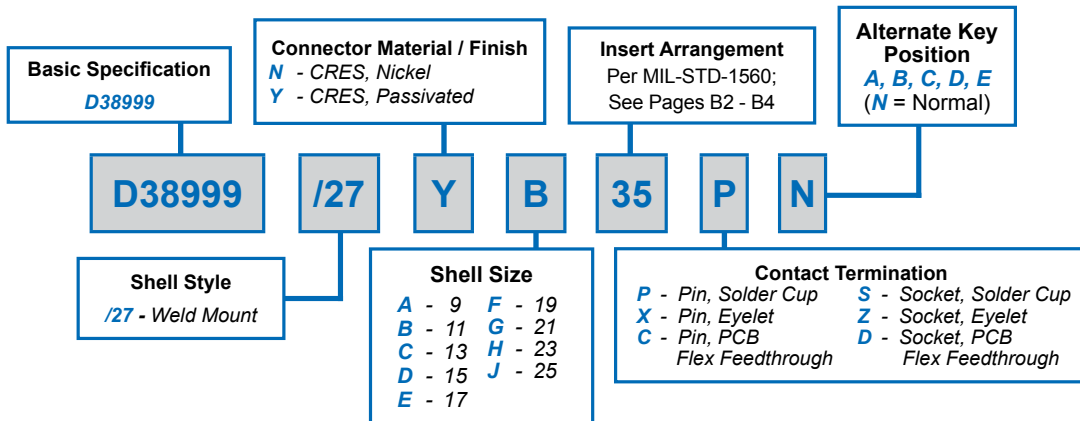


# D38999/27 Weld Mount Hermetic Receptacle MIL-DTL-38999 Series III

## How To Order: MS



Consult Factory for Recommended Panel Cutout Dimensions

# D38999/27

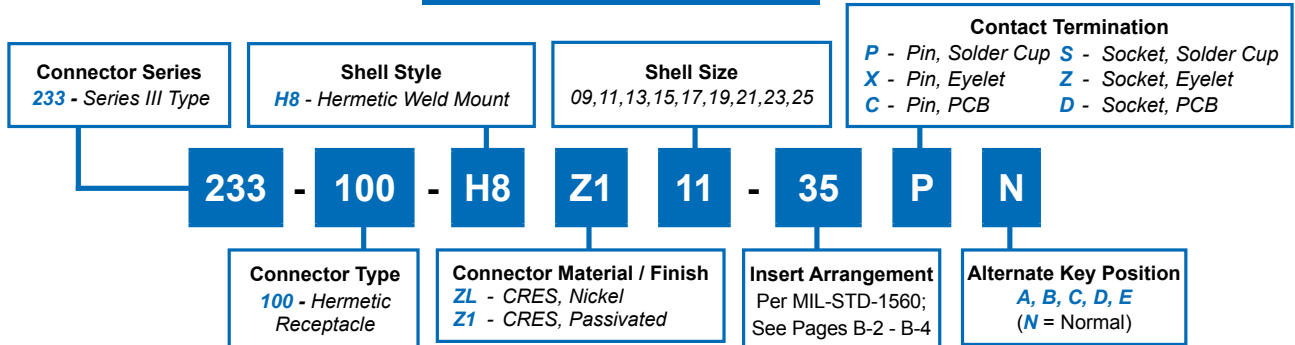
## Weld Mount Hermetic Receptacle

### MIL-DTL-38999 Series III



D38999 QPL  
Hermetics

#### How To Order: Commercial



B

TABLE I: CONNECTOR DIMENSIONS

| SHELL SIZE CODE | SHELL SIZE | A THREAD             | Ø B                          | Ø C                          | Ø D                      |
|-----------------|------------|----------------------|------------------------------|------------------------------|--------------------------|
| A               | 9/09       | .6250-.1P-.3L-TS-2A  | .941 (23.9)<br>.929 (23.6)   | .984 (25.0)<br>.972 (24.7)   | .134 (3.4)<br>.118 (3.0) |
| B               | 11         | .7500-.1P-.3L-TS-2A  | 1.063 (27.0)<br>1.051 (27.0) | 1.106 (28.1)<br>1.094 (27.8) | .134 (3.4)<br>.118 (3.0) |
| C               | 13         | .8750-.1P-.3L-TS-2A  | 1.189 (30.2)<br>1.177 (28.9) | 1.232 (31.3)<br>1.220 (31.0) | .134 (3.4)<br>.118 (3.0) |
| D               | 15         | 1.0000-.1P-.3L-TS-2A | 1.315 (33.4)<br>1.303 (33.1) | 1.358 (34.5)<br>1.346 (34.2) | .134 (3.4)<br>.118 (3.0) |
| E               | 17         | 1.1875-.1P-.3L-TS-2A | 1.402 (35.6)<br>1.390 (35.3) | 1.445 (36.7)<br>1.433 (36.4) | .134 (3.4)<br>.118 (3.0) |
| F               | 19         | 1.2500-.1P-.3L-TS-2A | 1.547 (39.3)<br>1.535 (39.0) | 1.591 (40.4)<br>1.579 (40.1) | .134 (3.4)<br>.118 (3.0) |
| G               | 21         | 1.3750-.1P-.3L-TS-2A | 1.689 (42.9)<br>1.677 (42.6) | 1.732 (44.0)<br>1.720 (43.7) | .134 (3.4)<br>.118 (3.0) |
| H               | 23         | 1.5000-.1P-.3L-TS-2A | 1.854 (47.1)<br>1.842 (46.8) | 1.898 (48.2)<br>1.886 (47.4) | .165 (4.2)<br>.149 (3.8) |
| J               | 25         | 1.6250-.1P-.3L-TS-2A | 1.941 (49.3)<br>1.929 (49.0) | 1.984 (50.4)<br>1.972 (50.1) | .165 (4.2)<br>.149 (3.8) |

TABLE II: CONTACT SIZE

| PRINTED CIRCUIT TAIL CONFIGURATIONS<br>CONTACT STYLE C AND D |                              |
|--------------------------------------------------------------|------------------------------|
|                                                              |                              |
| Contact Size                                                 | Ø P                          |
| 22D                                                          | .011 (0.28)<br>.015 (0.38)   |
| 20                                                           | .024 (0.61)<br>.028 (0.71)   |
| 16                                                           | .0635 (1.61)<br>.0615 (1.56) |
| 12                                                           | .095 (2.41)<br>.093 (2.36)   |