

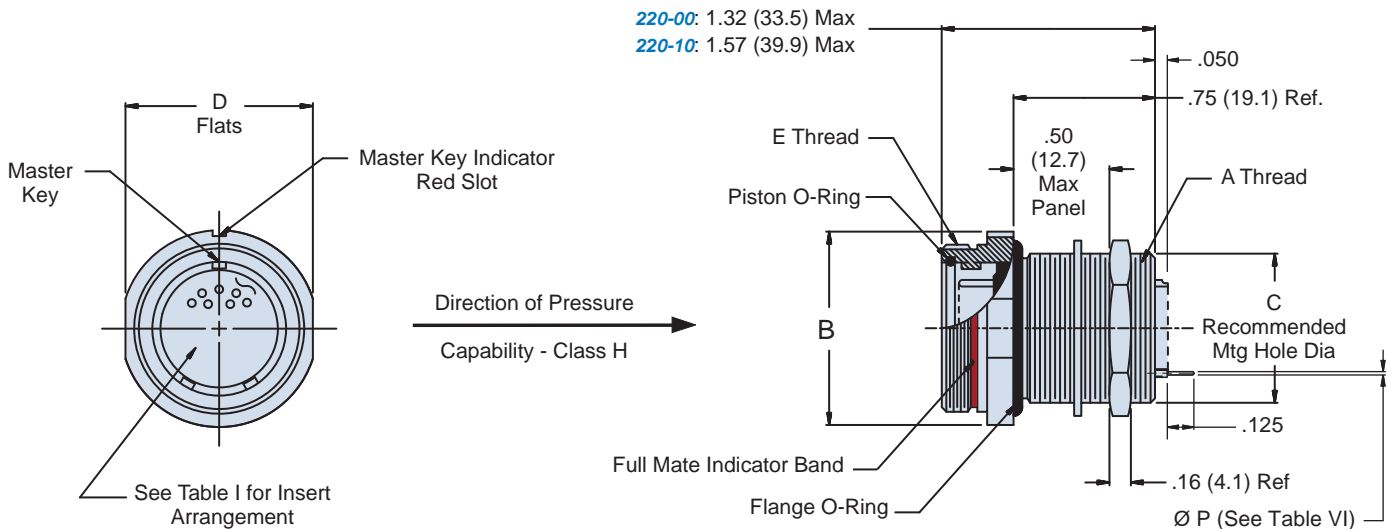
SERIES 22 RECEPTACLE IN STANDARD OR SCOOP-PROOF SHELL WITH PIN OR SOCKET CONTACTS



| How To Order | | | | | |
|---------------------------------|---|---|-------|---|---|
| Sample Part Number | 220-00 | H | 24-61 | P | N |
| Series and Shell Style | 220-00 - Standard 220-10 - Scoop-Proof (Not Shown) | | | | |
| Class | H = Hermetic E = Environmental | | | | |
| Shell Size - Insert Arrangement | See page A-6 | | | | |
| Contact Style | P = Pins S = Sockets C = Pin PC Termination D = Socket PC Termination | | | | |
| Polarization | N, 1, 2, 3, 4 See page A-6 | | | | |

Prior to use, lubricate O-rings with high grade silicone lubricant (Moly-kote M55 or equivalent).

B



Metric dimensions (mm) are indicated in parentheses

220-00 and 220-10 High-Pressure Environmental/Hermetic Jam Nut Bulkhead Receptacle, Front Mount



Table II: Dimensions

| Shell Size | A Thread Class 2A | Ø B Max | C ±.005 ±(0.1) | D Flats | E Thread Class 2A |
|------------|-------------------|-------------|----------------|--------------|-------------------|
| 10 | 5/8 - 24 UNEF | 1.03 (25.4) | .635 (16.1) | .875 (22.2) | .750 - .1P - .1L |
| 12 | 3/4 - 20 UNEF | 1.16 (28.6) | .760 (19.3) | 1.000 (25.4) | .875 - .1P - .1L |
| 14 | 7/8 - 20 UNEF | 1.28 (31.8) | .885 (22.5) | 1.125 (28.6) | 1.000 - .1P - .1L |
| 16 | 1 - 20 UNEF | 1.41 (34.9) | 1.010 (25.7) | 1.250 (31.8) | 1.125 - .1P - .1L |
| 18 | 1 1/8 - 16 UN | 1.66 (40.5) | 1.135 (28.8) | 1.500 (38.1) | 1.250 - .1P - .1L |
| 20 | 1 1/4 - 16 UN | 1.78 (43.7) | 1.260 (32.0) | 1.625 (41.3) | 1.375 - .1P - .1L |
| 22 | 1 3/8 - 16 UN | 1.91 (48.1) | 1.385 (35.2) | 1.750 (44.5) | 1.500 - .1P - .1L |
| 24 | 1 1/2 - 16 UN | 2.03 (50.0) | 1.510 (38.4) | 1.875 (47.6) | 1.625 - .1P - .1L |

Table III: Recommended Jam Nut Installation Torque Values

| Shell Size | Torque ± 5% | |
|------------|-------------|-----------------|
| | Inch - Lbs. | Newton - Meters |
| 10 | 95 | 10.73 |
| 12 | 110 | 12.43 |
| 14 | 140 | 15.82 |
| 16 | 170 | 19.21 |
| 18 | 195 | 22.03 |
| 20 | 215 | 24.29 |
| 22 | 235 | 26.55 |
| 24 | 260 | 29.38 |

Table IV: Replacement O-Ring Part Numbers*

| Shell Size | Piston O-Ring | Flange O-Ring |
|------------|---------------|---------------|
| 10 | 2-014 | 2-016 |
| 12 | 2-016 | 2-018 |
| 14 | 2-018 | 2-020 |
| 16 | 2-020 | 2-023 |
| 18 | 2-023 | 2-025 |
| 20 | 2-024 | 2-027 |
| 22 | 2-026 | 2-029 |
| 24 | 2-028 | 2-030 |

*Parker O-Ring Part Numbers.
Compound N674-70 Or Equivalent

Table VI

| Contact Size | Ø P |
|--------------|--------|
| 22D | 0.021 |
| | 0.018 |
| 20 | 0.024 |
| | 0.028 |
| 16 | 0.0635 |
| | 0.0615 |
| 12 | 0.095 |
| | 0.093 |

