

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

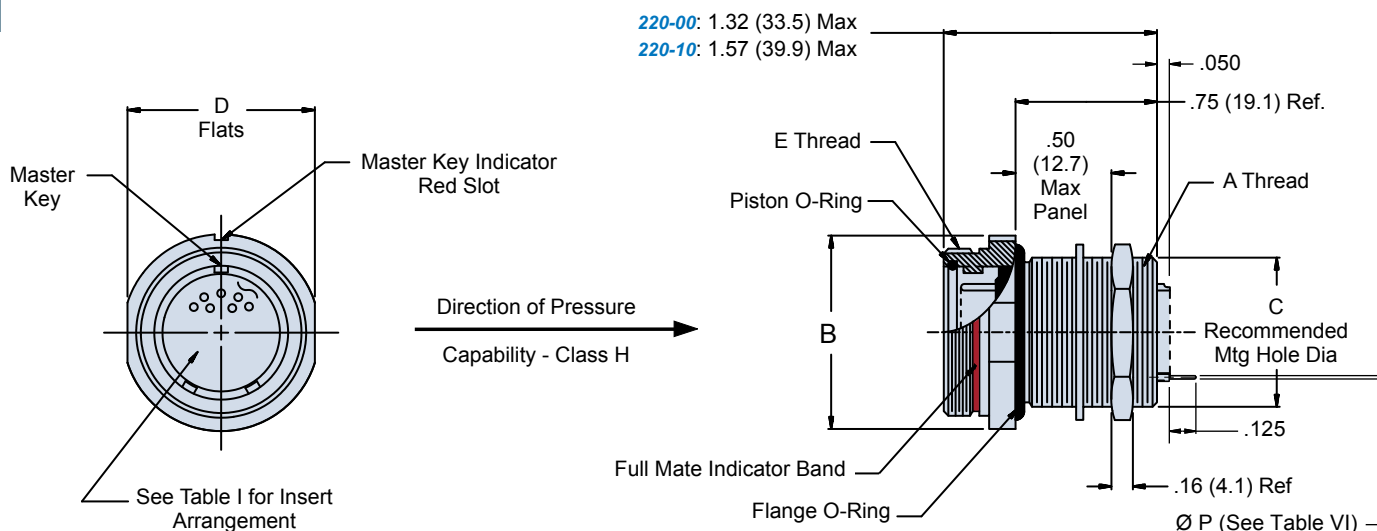
### SERIES 22 RECEPTACLE IN STANDARD OR SCOOP-PROOF SHELL WITH PIN OR SOCKET CONTACTS



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	2-017
12	2-016	2-019
14	2-018	2-021
16	2-020	2-023
18	2-022	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

B