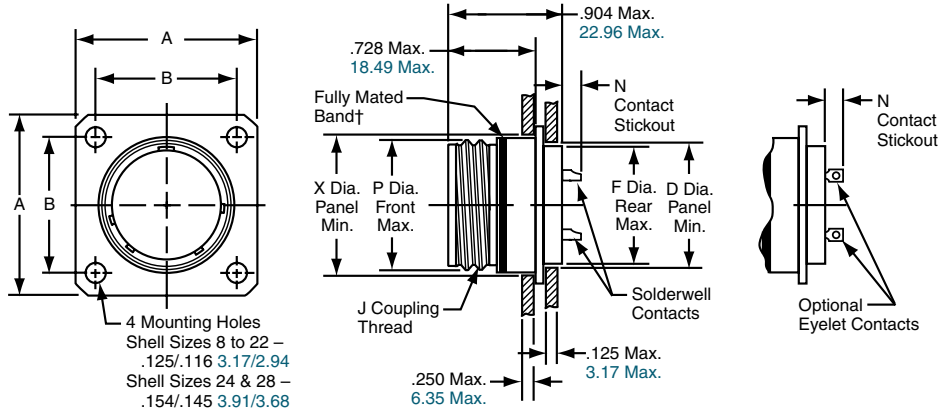


MIL-DTL-83723, Series III, Pyle®

Hermetic Square Flange Mount Receptacle, Threaded Coupling

- 38999
- III
- HD
- Dualok
- II
- I
- SJT
- Accessories
- Aquacon
- Herm/Seal
- PCB

PART #
M83723/88Y / M83723/88P
BTY/BFY/BNY-17
EN2997Y0 / YE0
ESC10YE2
ESC11YE2



See Quick Reference page 369 for the variety of ordering options for hermetic square flange mount receptacles with threaded coupling.

The How to Order pages (377, 379, 381) give complete part number breakdowns.

† When fully mated with plug, this band will be covered. (Band is red on military types; can be red or blue on commercial types).

- HIGH SPEED
- Fiber Optics
- Contacts
- Connectors
- Cables

- EMI Filter
- Transient

- 26482
- Matrix 2

- 83723 III**
- Matrix | Pyle

- 26500
- Pyle

- 5015
- Crimp Rear Release Matrix

- 22992
- Class I

- Back-Shells

- Options
- Others

Inches

Shell Size	A ±.010	B ±.005	D Dia. Panel Min.	F Dia. Rear Max.	J Coupling Thread Class 2A	N Contact Stickout		P Dia. Front Max.	X Dia. Panel Min.
						Size 20 Contacts	Size 12 & 16 Contacts		
8	.812	.594	.510	.500	.5625-24 UNF	.194 / .134	.224 / .164	.562	.572
10	.937	.719	.635	.625	.6875-24 UNEF	.194 / .134	.224 / .164	.696	.706
12	1.031	.812	.760	.750	.8750-20 UNEF	.194 / .134	.224 / .164	.875	.885
14	1.125	.906	.885	.875	.9375-20 UNEF	.194 / .134	.224 / .164	.936	.946
16	1.250	.969	1.010	1.000	1.0625-18 UNEF	.194 / .134	.224 / .164	1.062	1.072
18	1.343	1.062	1.072	1.062	1.1875-18 UNEF	.194 / .134	.224 / .164	1.187	1.197
22	1.562	1.250	1.322	1.312	1.4375-18 UNEF	.194 / .134	.224 / .164	1.437	1.447

Millimeters

Shell Size	A ±.25	B ±.13	D Dia. Panel Min.	F Dia. Rear Max.	P Dia. Front Max.	X Dia. Panel Min.
8	20.62	15.09	12.95	12.70	14.27	15.75
10	23.80	18.26	16.13	15.88	17.68	18.99
12	26.19	20.62	19.30	19.05	22.23	23.19
14	28.58	23.01	22.48	22.23	23.77	24.89
16	31.75	24.61	25.65	25.40	26.97	28.12
18	34.11	26.97	27.23	26.97	30.15	30.71
22	39.67	31.75	33.58	33.32	36.50	36.88

Hermetic style receptacles are not included in Boeing designations. Commercial hermetics meet some European and GE specifications. Hermetic styles are threaded coupling only. Shell sizes 20, 24 and 28, consult Amphenol for availability. All dimensions for reference only.