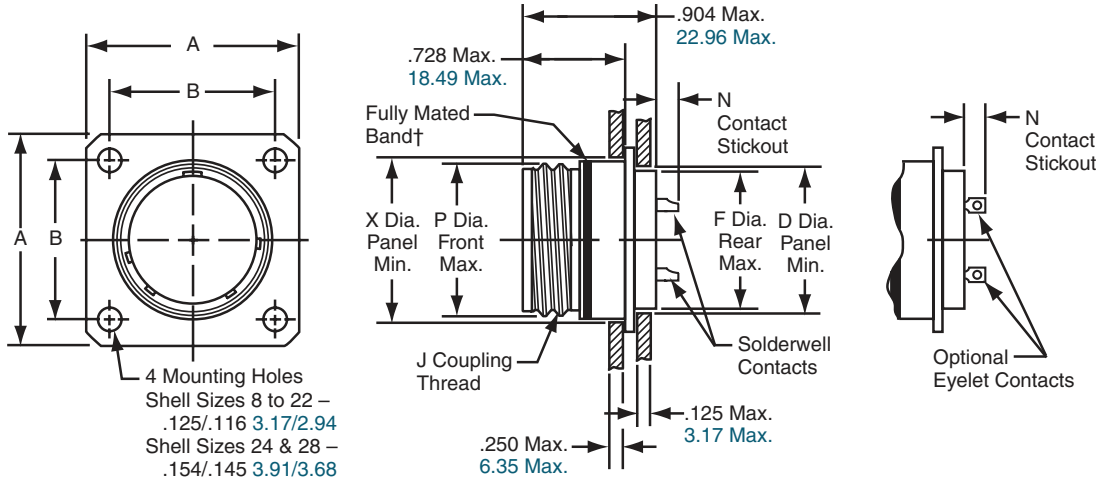


Hermetic Square Flange Mount Receptacle, Threaded Coupling

Military (MS83723/88), Commercial (BTY, BFY, BNY)

QUICK REFERENCE Page 75-76
PART NUMBER BUILDER Page 79

MILITARY	COMMERCIAL
M83723/88Y	BTY/BFY/BNY-17
M83723/88P	EN2997Y0 / YE0
	ESC10YE2
	ESC11YE2



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

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

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.