Hermetic Solder/Weld Mount Receptacle, Threaded Coupling

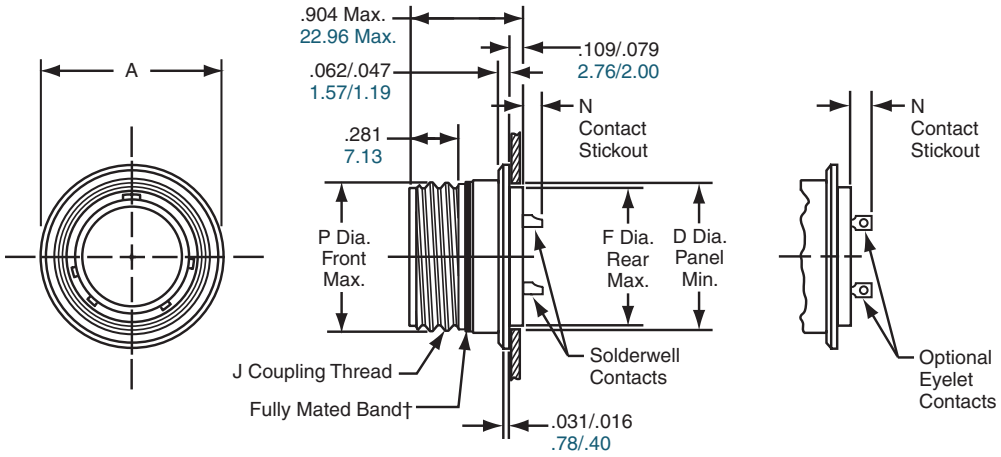
Military (M83723/90), Commercial (BTY, BFY, BNY)

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MILITARY
M83723/90Y
M83723/90P

COMMERCIAL
BTY/BFY/BNY-14
EN2997Y1 / YE1
ESC10YE1
ESC11YE1

Hermetically sealed receptacles have fused compression glass sealed inserts which provide envionrmental moisture sealing. There are three hermetic styles within the PT bayonet series.



† 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 Dia. ±.010	D Dia. Panel Min.	F Dia. Rear Max.	J Coupling Thread Class 2A	N Contact Stickout		P Dia. Front Max.
					Size 20 Contacts	Size 12 & 16 Contacts	
8	.713	.510	.500	.5625-24 UNF	.194 / .134	.224 / .164	.562
10	.840	.572	.562	.6875-24 UNEF	.194 / .134	.224 / .164	.696
12	1.045	.760	.750	.8750-20 UNEF	.194 / .134	.224 / .164	.875
14	1.090	.822	.812	.9375-20 UNEF	.194 / .134	.224 / .164	.936
16	1.210	.947	.937	1.0625-18 UNEF	.194 / .134	.224 / .164	1.062
18	1.340	1.072	1.062	1.1875-18 UNEF	.194 / .134	.224 / .164	1.187
22	1.562	1.322	1.312	1.4375-18 UNEF	.194 / .134	.224 / .164	1.437

Millimeters

Shell Size	A Dia. ±.25	D Dia. Panel Min.	F Dia. Rear Max.	P Dia. Front Max.
8	18.11	12.95	12.70	14.27
10	21.34	14.53	14.27	17.68
12	26.54	19.30	19.05	22.23
14	27.69	20.88	20.62	23.77
16	30.73	24.05	23.80	26.97
18	34.04	27.23	26.97	30.15
22	39.67	33.58	33.32	36.50

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.