

Hermetic Solder/Weld Mount Receptacle, Threaded Coupling

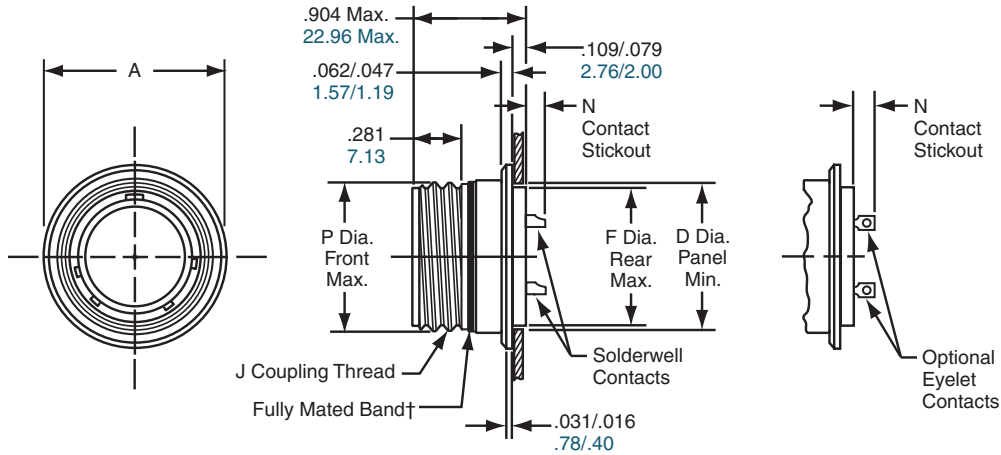
Military (M83723/90), Commercial (BTY, BFY, BNY)

QUICK REFERENCE Page 75-76
PART NUMBER BUILDER Page 79

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 environmental 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.

38999 III

38999 II

38999 I

SJT

Aquacon

2M

83723

26482

26500