

**07
RECEPTACLE ASSEMBLY**

APPLICATION NOTES

1. Assembly identified with manufacturer's name and P/N, Space Permitting.
2. For Fiber Optic Test Probe Assembly
See Glenair Drawing ABC54705
3. Material/ Finish:
 - Barrel/ Shell- Al Alloy/ See Table II
 - Insert, Coupling Nut- Hi- Grade Engineering Thermoplastic/ N.A.
 - Alignment Sleeve- Zirconia Ceramic/ N.A.
 - Retaining Ring- Stainless Steel/ N.A.
 - Retaining Clips- Beryllium Copper/ N.A.
 - Lock Nut- Al Alloy/ Black Anodize.
4. Metric dimensions (mm) are indicated in parentheses.

**180-073 (07 Receptacle)
Fiber Optic Test Adapter
With Special Insert Arrangement MIL-DTL-38999 Series III**



FRONT FACE OF PIN AND SOCKET INSERTS SHOWN, REAR SURFACE OPPOSITE

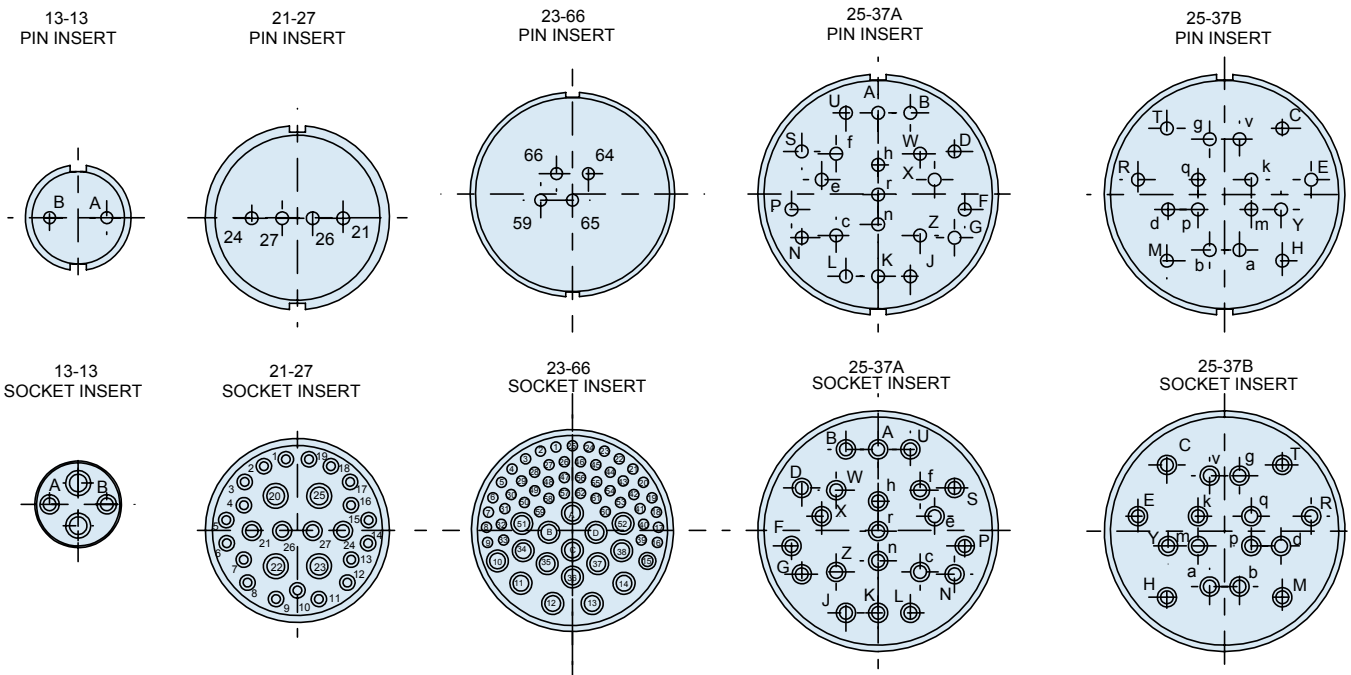


TABLE I: SHELL SIZE AND INSERT ARRANGEMENTS				
Shell Size & Insert Arrangement Dash No.	Shell Size Code Ref.	A Thread 0.1P-0.3L-TS-2	B Dia Max	C Dia Max
13-13	C	.875 (22.2)	1.141 (29.0)	.875 (22.2)
21-27	G	1.375 (34.9)	1.625 (41.3)	1.375 (34.9)
23-66*	H	1.500 (38.1)	1.750 (44.5)	1.500 (38.1)
25-37A**	J	1.625 (41.3)	1.875 (47.6)	1.625 (41.3)
25-37B**	J	1.625 (41.3)	1.875 (47.6)	1.625 (41.3)

*Shell Size 23 is made of 300 Series Stainless Steel.

**25-37 Insert Cavity spacing too close to Probe using one Adapter, two Adapters (25-37A and 25-37B) are therefore required to probe this Special Connector Insert Pattern.

TABLE II: FINISH		
SYM	MATERIAL	FINISH
B	Aluminum	Cadmium Plate/Olive Drab
M	Aluminum	Electroless Nickel
NF	Aluminum	Cadmium/Olive Drab over Electroless Nickel (500-Hr. Salt Spray)
N	Aluminum	Cadmium Plate/Olive Drab over Nickel Plate
Z1	Stainless Steel	Passivate