

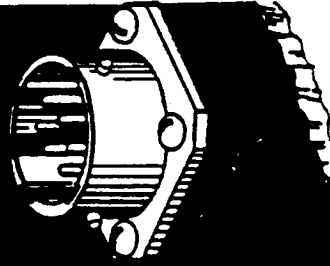
MOUNTING RECOMMENDATIONS



FLANGE MOUNTED CONNECTORS

JAM NUT MOUNTINGS

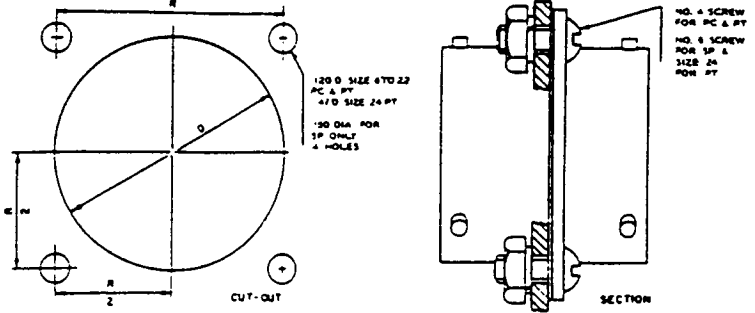
HERMETIC RECEPTACLES



PYGMY SERIES miniature connectors

FLANGE MOUNTED CONNECTORS

All flange mounting PC and PT connectors use standard MS mounting dimensions. They cannot be back panel mounted due to coupling clearance. The R & D dimensions from the tabulation below apply to the PT & PC types. The SP type have larger flanges and can be back panel mounted with #6 screws. Use the R_B and D_B dimensions for SP mounting installations. The TBF (Thru-Bulkhead) type connector must also be back panel mounted on one side. Flange gaskets are available for both series, see accessory section page 2-PA.



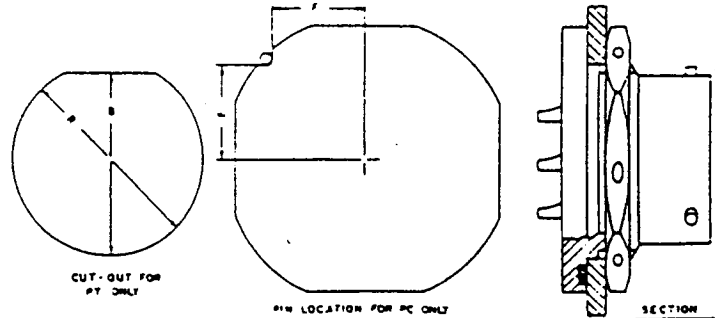
SHELL SIZE	6	8	10	12	14	16	18	20	22	24
R (TP)*	.469	.594	.719	.812	.906	.969	1.062	1.156	1.250	1.375
D	.323	.449	.573	.699	.823	.949	1.073	1.199	1.323	1.449
RB (TP)*	.641	.734	.812	.938	1.031	1.125	1.203	1.297	1.375	—
DB	.439	.563	.680	.859	.984	1.108	1.233	1.358	1.483	—

*See PT flange connectors for true positioning locating

JAM NUT MOUNTINGS

The jam nut design has become very popular because it allows bench wiring of harness assemblies. The labor saving often offsets the added cost of the jam nut receptacle which is due to the self contained "O" ring and the extra nut.

The PC series mounts in a round hole and can be pinned to prevent rotation. The PT series mounts in a "D" mounting hole and does not require pinning. Minimum panel thickness is .062. Maximum panel thickness is .125 in shell sizes 6 thru 18 and .219 in shell sizes 20 thru 24.

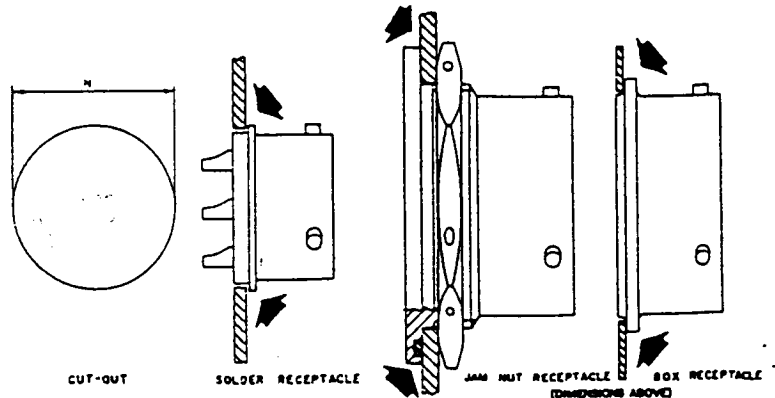


SHELL SIZE	6	8	10	12	14	16	18	20	22	24
R +.010 -.000	.447	.572	.697	.884	1.007	1.134	1.259	1.384	1.507	1.634
B +.000 -.010	.420	.542	.669	.830	.955	1.084	1.208	1.333	1.459	1.575
F ±.010	.286	.331	.375	.442	.486	.530	.573	.641	.685	—

HERMETIC RECEPTACLES

This series must be mounted in such a way as to preserve the hermetic seal provided by the glass insert. The finish of each of these receptacles is fused electrodeposited tin for easy solderability, and protected by a special lacquer for optimum shelf life. The lacquer will not interfere with any soldering operation.

Low temperature solder should be used and the addition of a solder fillet at arrow points is recommended. Care must be taken that the operating temperature of the final assembly does not rise above the melting point of tin (440°F). Mounting data for box and jam nut receptacles is given above. Cut-out required for solder mounting receptacles (N) is given below



SHELL SIZE	6	8	10	12	14	16	18	20	22	24
N Max.	.458	.582	.692	.801	.926	1.051	1.176	1.395	1.375	1.520