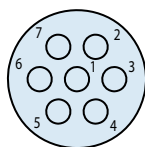
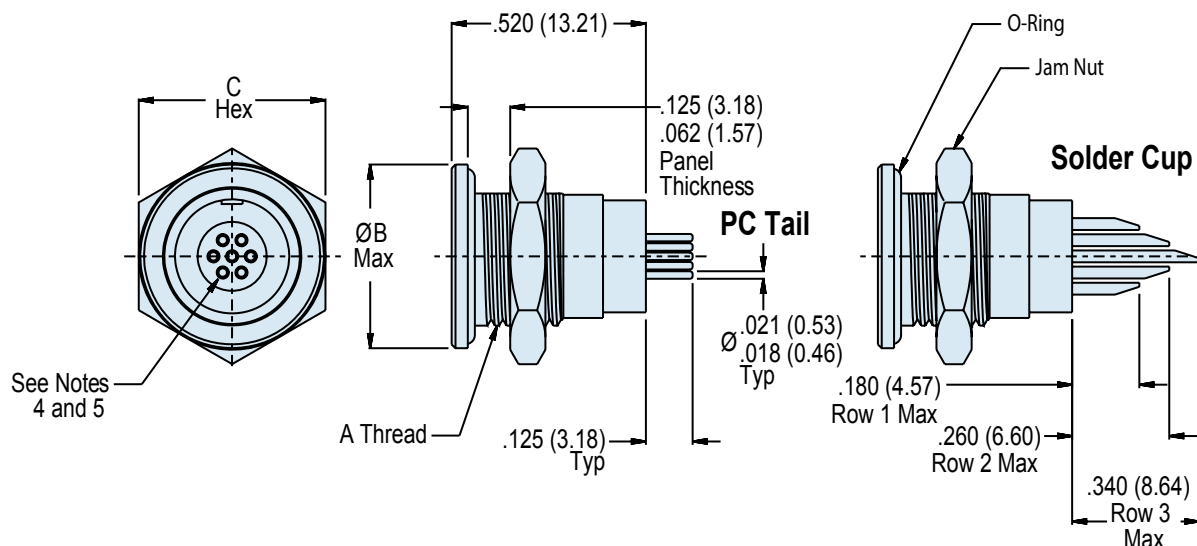
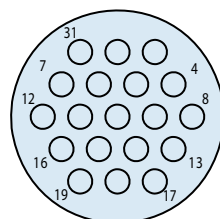


**237-263**

Special Micro Circular Quick Disconnect Receptacle
Hermetic • Rear panel Jam Nut Mount, Socket PC Tail or Solder Cup


**Product
Series**
237-263**Hermetic****H****7****SP**
Shell Size
7 or 19
Contact Style
SP = Socket, PC Tail
SS = Socket, Solder Cup


**7 Contact
Socket Front View**



**19 Contact
Socket Front View**

FIGURE 1

* Additional shell materials available, including titanium and Inconel®. Consult factory for ordering information.

Dimensions in Inches (millimeters) are subject to change without notice.

237-263
Special Micro Circular Quick Disconnect Receptacle
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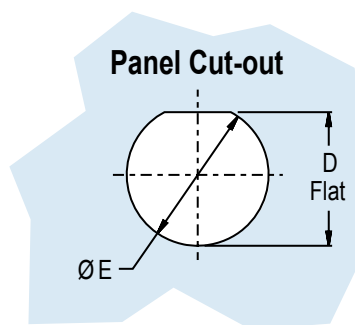


TABLE I: CONNECTOR DIMENSIONS

Shell Size	A Thread Class 2A	B Dia	C Hex	D Flat	E Dia ± .005 (0.13)
7	.3750-32 UNEF	.565 (14.35)	.565 (14.35)	.360 (9.14) .357 (9.07)	.380 (11.1)
19	.5000-28 UNEF	.735 (18.67)	.735 (18.67)	.485 (12.32) .483 (12.27)	.505 (12.7)

HERMETIC LEAK RATE MOD CODES

Designator	Required Leak Rate
-585A	1 x 10 ⁻¹⁰ cc Helium per second
-585B	1 x 10 ⁻⁹ cc Helium per second
-585C	1 x 10 ⁻⁸ cc Helium per second



APPLICATION NOTES

- Material/Finish:
 Shell, Jam Nut - Stainless steel/Passivated.
 Insulators - Full glass/N.A.
 O-Ring - Fluorosilicone/N.A.
 Contacts - Iron-nickel alloy/Gold plate.
- Assembly is identified with manufacturer's name, cage code, part number and date code, space permitting.
- Glenair 237-263 receptacle connector is designed to mate with Glenair quick disconnect micro circular plug, part number 257-985 having the same shell size and insert arrangement.
- Insert arrangement is in accordance with Figure One.
- Insert arrangement is shown for reference only.
- Performance:
 Hermeticity - <1X10⁻⁶ SccHe/sec @ 1 atmosphere differential.
 D.W.V. - 150 VAC at sea level.
 I.R. - 5000 MegaOhms minimum.
- Metric dimensions (mm) are in parentheses.

Dimensions in Inches (millimeters) are subject to change without notice.