

## Series 805 Hermetic Receptacles



**Series 805 Hermetic  
Jam Nut Connector**

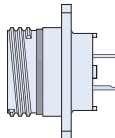
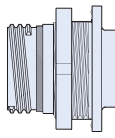
**Series 805 Hermetic Receptacles** feature 304L stainless steel shells, fused vitreous glass insulators and Alloy 52 iron alloy contacts. Triple-start ACME thread provides fast mating and cross-threading protection. Mating plug connectors feature EMI springs and ratcheting anti-decoupling mechanism for resistance to vibration. 1000 PSI open face pressure. Fluorosilicone seals for water ingress protection. Contacts are gold-plated 50 microinches minimum.

**1 X 10<sup>-6</sup> cc/second** maximum helium leak rate.

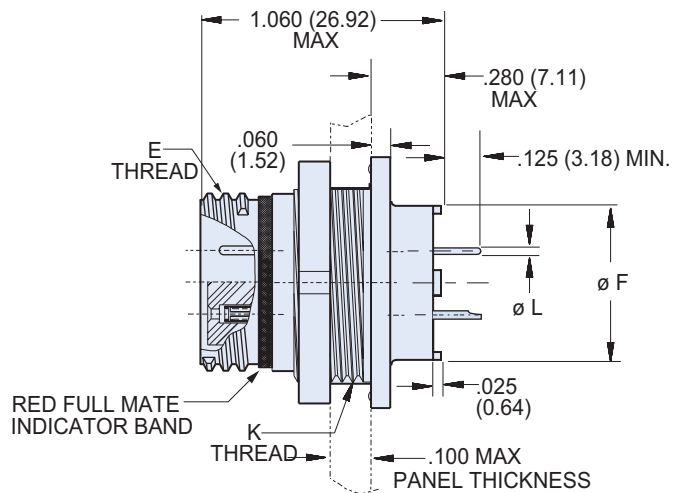
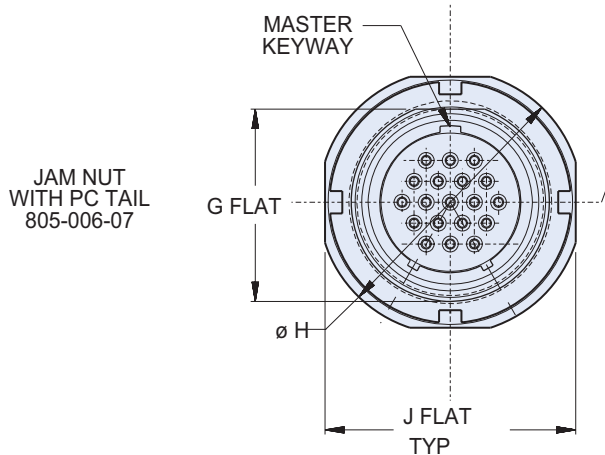
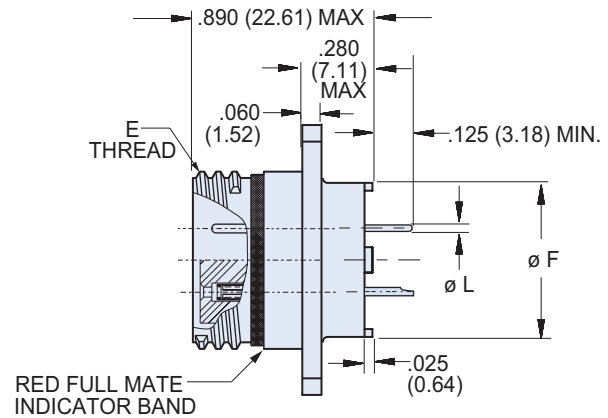
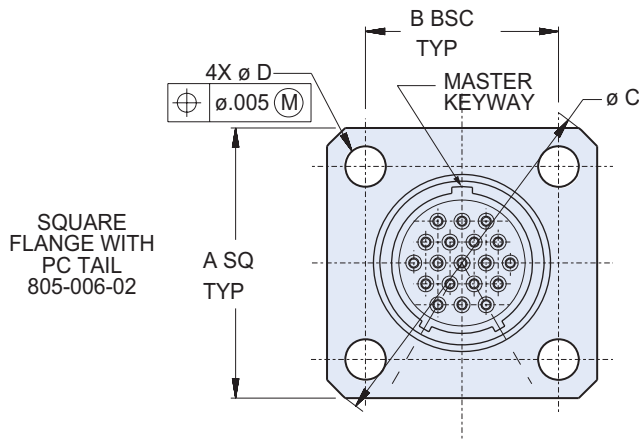
**Two Shell Styles:** jam nut or square flange.

**Solder Cup Contacts** for #22 AWG wire, or **PC Tail Contacts** for attachment to flexible or rigid circuits.

### HOW TO ORDER SERIES 800 HERMETIC RECEPTACLES

Sample Part Number					
805-006	-07	Z1	12-26	C	A
Series	Shell Style	Shell Material / Finish	Shell Size- Insert Arrangement	Contact Type	Shell Key Position
<b>805-006</b> Hermetic Receptacle	 <b>-02</b> Square Flange	<b>Z1</b> Stainless Steel / Passivated	<b>8-1</b> 1 #16 Contact	<b>P</b> Pin, Solder Cup	<b>A</b> Position A (Normal)
			<b>8-4</b> 4 #23 Contacts		
			<b>8-7</b> 7 #23 Contacts		
			<b>9-1</b> 1 #12 Contact		
			<b>9-10</b> 10 #23 Contacts		
			<b>10-13</b> 13 #23 Contacts		
			<b>11-4</b> 4 #16 Contacts		
	 <b>-07</b> Jam Nut	<b>ZL</b> Stainless Steel / Nickel Plated	<b>11-19</b> 19 #23 Contacts	<b>C</b> Pin, PC Tail	<b>B</b> Position B <b>C</b> Position C <b>D</b> Position D
			<b>12-26</b> 26 #23 Contacts		
			<b>15-2</b> 2 #12 Contacts		
			<b>15-37</b> 37 #23 Contacts		
			<b>18-55</b> 55 #23 Contacts		
			<b>19-85</b> 85 #23 Contacts		

Series 805 Hermetic Receptacles



DIMENSIONS

Shell Size	A		B		Ø C		Ø D		E Threads -3L-TS-2A	Ø F		G		Ø H		Ø J		K Threads UN-2A	Ø L Tail Dia.
	In.	mm.	In.	mm.	In.	mm.	In.	mm.		In.	mm.	In.	mm.	In.	mm.	In.	mm.		
8	.850	21.59	.660	16.76	1.150	29.21	.094	2.39	.5000-.1P	.330	8.38	.535	13.59	.760	19.30	.730	18.54	.5625-28	#23
9	.913	23.19	.723	18.36	1.230	31.24	.094	2.39	.5625-.1P	.432	10.97	.661	16.79	.880	22.35	.850	21.59	.6875-28	.018/.022
10	.975	24.77	.785	19.94	1.330	33.78	.094	2.39	.6250-.1P	.493	12.52	.661	16.79	.880	22.35	.850	21.59	.6875-28	(0.46/0.56)
11	1.039	26.39	.848	21.54	1.410	35.81	.094	2.39	.6875-.1P	.551	14.00	.721	18.31	.955	24.26	.925	23.50	.7500-28	#16
12	1.099	27.91	.909	23.09	1.500	38.10	.094	2.39	.7500-.1P	.620	15.78	.784	19.91	1.060	26.92	1.035	26.29	.8125-28	(1.52/1.63)
15	1.288	32.74	1.058	26.87	1.750	44.45	.128	3.25	.9375-.1P	.703	17.86	.970	24.64	1.203	30.56	1.173	29.79	1.000-28	#12
18	1.475	37.47	1.255	31.88	2.000	50.80	.128	3.25	1.1250-.1P	.863	21.92	1.147	29.13	1.389	35.28	1.359	34.52	1.187-28	.092/.096
19	1.537	71.06	1.327	33.71	2.094	53.19	.128	3.25	1.1870-.1P	.912	23.16	1.221	31.01	1.450	36.83	1.420	36.07	1.250-28	(2.34/2.44)