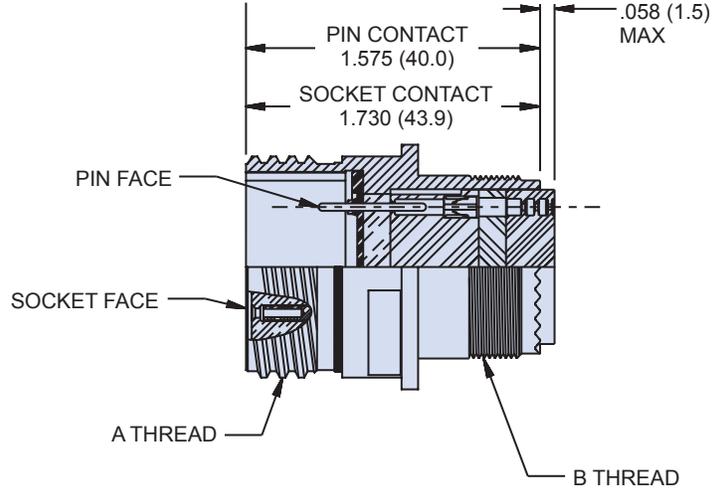
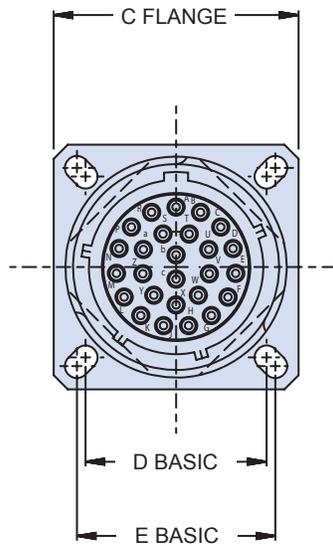
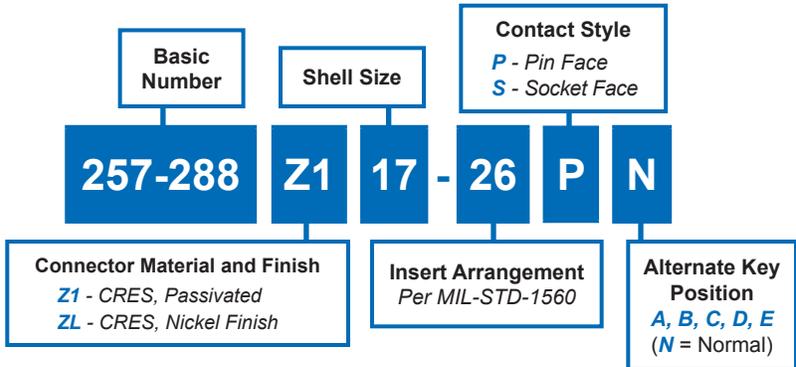




**257-288**  
**Box Mount Hermetic Receptacle**  
**with Crimp Removable Socket Contacts**  
**MIL-DTL-38999 Series III Type**

**B**



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

257-288

**Box Mount Hermetic Receptacle  
with Crimp Removable Socket Contacts  
MIL-DTL-38999 Series III Type**



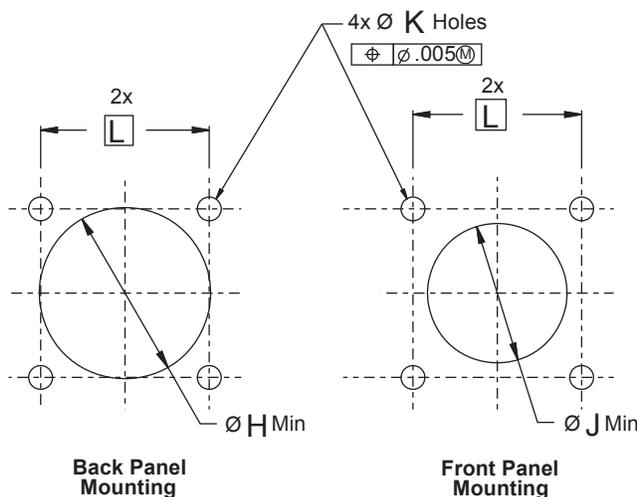
MIL-DTL-38999 Type  
Hermetic Connectors

**TABLE I: CONNECTOR DIMENSIONS**

Shell Size	Code	A Thread 0.1 P-0.3L-TS-2A	B Thread	C Flange	D B	E Typ	Ø H Min	Ø J Min	Ø K Holes	L Basic
9	A	0.625	M12X1-6g 0.100R	.949/.925	.594	.719	.656	.516	.133 .123	.719
11	B	0.750	M15X1-6g 0.100R	1.043/1.020	.719	.812	.796	.625		.812
13	C	0.875	M18X1-6g 0.100R	1.138/1.114	.812	.906	.922	.750		.906
15	D	1.000	M22X1-6g 0.100R	1.232/1.209	.906	.969	1.047	.906		.969
17	E	1.187	M25X1-6g 0.100R	1.323/1.299	.969	1.062	1.219	1.016		1.062
19	F	1.250	M28X1-6g 0.100R	1.449/1.425	1.062	1.156	1.297	1.141		1.156
21	G	1.375	M31X1-6g 0.100R	1.575/1.551	1.156	1.250	1.422	1.266		1.250
23	H	1.500	M34X1-6g 0.100R	1.701/1.677	1.250	1.375	1.547	1.375	.159 .149	1.375
25	J	1.625	M37X1-6g 0.100R	1.823/1.799	1.375	1.500	1.672	1.484	.155 .145	1.500

**B**

HERMETIC LEAK RATE MOD CODES	
Designator	Required Leak Rate
-585A	1 x 10 <sup>-10</sup> cc Helium per second
-585B	1 x 10 <sup>-9</sup> cc Helium per second
-585C	1 x 10 <sup>-8</sup> cc Helium per second



**Recommended Mounting Holes**

**APPLICATION NOTES**

- Assembly identified with manufacturer's name and PN, space permitting.
- Material/Finish:  
Shell, lock ring, jam nut—CRES/passivated  
Contacts—alloy 52/gold plate  
Sockets—copper alloy/gold plate  
Hermetic Insulator—fused vitreous glass/N.A.  
Socket Insulator—high grade rigid dielectric/N.A.  
Seals—fluorosilicone/ N.A.
- Crimp removable socket contacts to conform to MIL-C-39029/57-358, size 16, MIL-C-39029/57-357 size 20 and MIL-C-39029/57-354 size 22D (supplied loose)
- Metric dimensions (mm) are indicated in parentheses.

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

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