

Designator	Required Leak Rate
-585A	1×10^{-10} cc Helium per second
-585B	1×10^{-9} cc Helium per second
-585C	1×10^{-8} cc Helium per second

Sample Part Number		231-100-H7	Z1	11	35	P	N
Basic Part Number	231-100-H7 231-100-H0 231-100-H5						
Connector Material and Finish	ZL - CRES, Nickel Z1 - CRES, Passivated FT - Carbon Steel, Fused Tin						
Shell Size	09, 11, 13, 15, 17, 19, 21, 23, 25						
Insert Arrangement	Per MIL-STD-1560; See Pages C-2 - C-4						
Contact Termination	P - Pin, Solder Cup S - Socket, Solder Cup X - Pin, Eyelet Z - Socket, Eyelet C - Pin, Feedthru D - Socket, Feedthru						
Alternate Key Position	A, B, C, D (N = Normal)						

Shell Size	MS Series I	Number of Pins				Shell Size	MS Series I	Number of Pins				Shell Size	MS Series I	Number of Pins			
		22D	20	16	12			22D	20	16	12			22D	20	16	12
9	9-35	6				9	9-98		3			15	15-97		8	4	
11	11-35	13				11	11-4		4			17	17-26		26		
13	13-35	22				11	11-5		5			17	17-99		21	2	
15	15-35	37				11	11-98		6			19	19-28		26	2	
17	17-35	55				11	11-99		7			19	19-30		29	1	
19	19-35	66				13	13-8		8			19	19-32		32		
19	19-45	67				13	13-98		10			21	21-24		24		
21	21-35	79				15	15-15		14	1		21	21-25		25		
23	23-35	100				15	15-18		18			21	21-29		19	4	4
25	25-35	128				15	15-19		19			21	21-27		27		

Shell Size	MS Series I	Number of Pins				Shell Size	MS Series I	Number of Pins				Shell Size	MS Series I	Number of Pins			
		22D	20	16	12			22D	20	16	12			22D	20	16	12
21	21-39		37	2		25	25-61		61			23	23-99			11	
21	21-41		41			11	11-2			2		25	25-24			12	12
23	23-32		32			13	13-4			4		25	25-29			29	
23	23-34		34			15	15-5			5		25	25-37			37	
23	23-36		36			17	17-8			8		17	17-6				6
23	23-53		53			19	19-11			11		21	21-11				11
23	23-55		55			21	21-16			16		25	25-19				19
25	25-4		48	8		23	23-21			21							
25	25-43		23	20		23	23-97			16							

**MIL-DTL-38999 Series I Type
231-100-H0 Wall-mount hermetic receptacle**

HERMETIC CONNECTORS

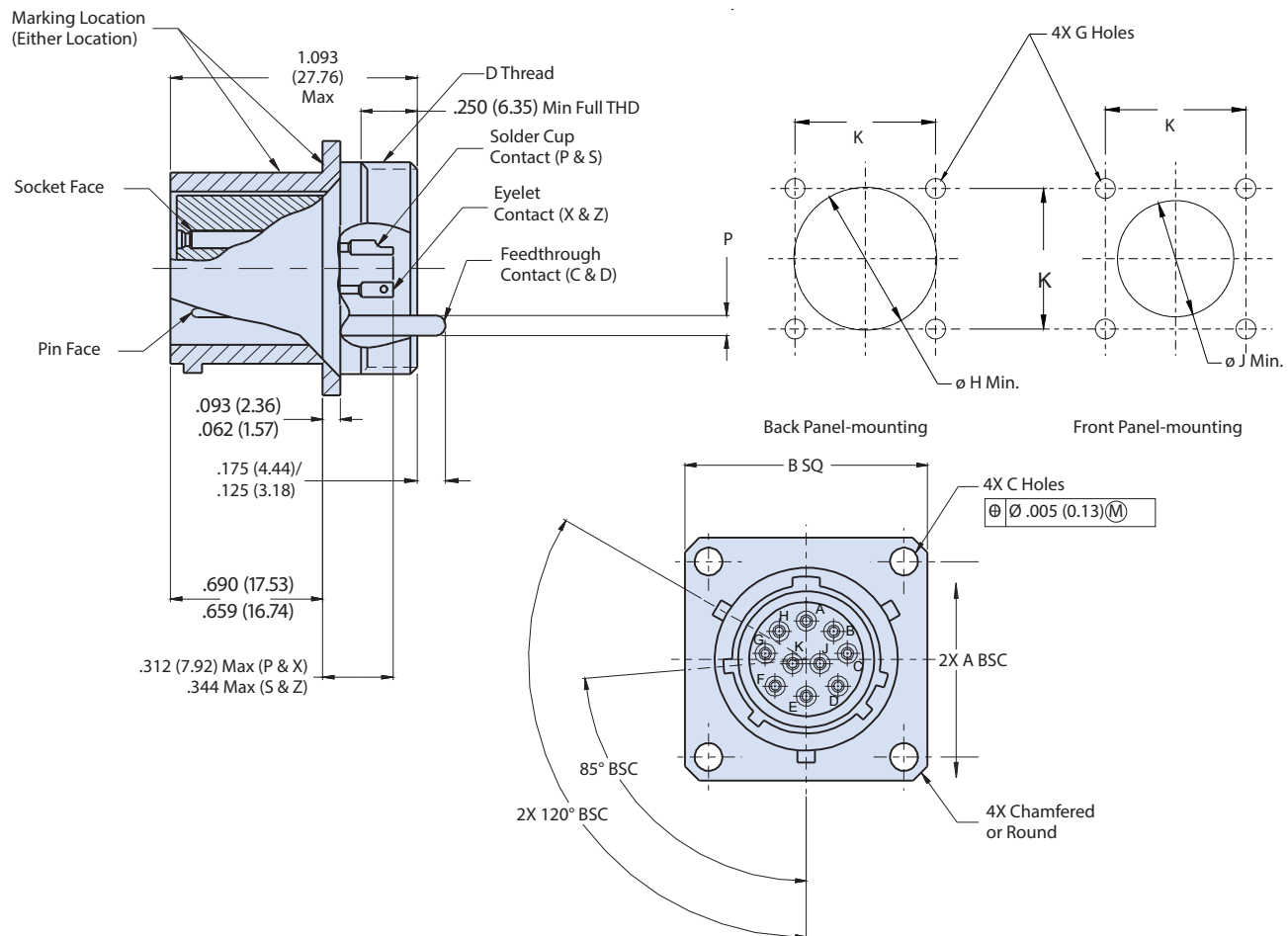


TABLE I: CONNECTOR DIMENSIONS					TABLE I (CONTINUED): CONNECTOR DIMENSIONS				
Shell Size	A BSC	B SQ ±.016(0.4)	Ø C Holes	D Threads	Shell Size	Ø G Holes ±.005(0.1)	Ø H Min	Ø J Min	K ±.005(0.1)
9/09	.719(18.3)	.938(23.8)	.133(3.4); .123(3.1)	.6875-24 UNEF-2A	9/09	.128(3.3)	.656(16.7)	.697(17.7)	.719(18.3)
11	.812(20.6)	1.031(26.2)	.133(3.4); .123(3.1)	.8125-20 UNEF-2A	11	.128(3.3)	.796(20.2)	.822(20.9)	.812(20.6)
13	.906(23.0)	1.125(28.6)	.133(3.4); .123(3.1)	.9375-20 UNEF-2A	13	.128(3.3)	.921(23.4)	.947(24.1)	.906(23.0)
15	.969(24.6)	1.219(31.0)	.133(3.4); .123(3.1)	1.0625-18 UNEF-2A	15	.128(3.3)	1.047(26.6)	1.072(27.2)	.968(24.6)
17	1.062(27.0)	1.312(33.3)	.133(3.4); .123(3.1)	1.1875-18 UNEF-2A	17	.128(3.3)	1.218(30.9)	1.197(30.4)	1.062(27.0)
19	1.156(29.4)	1.438(36.5)	.133(3.4); .123(3.1)	1.3125-18 UNEF-2A	19	.128(3.3)	1.296(32.9)	1.322(33.6)	1.156(29.4)
21	1.250(31.8)	1.562(39.7)	.133(3.4); .123(3.1)	1.4375-18 UNEF-2A	21	.128(3.3)	1.421(36.1)	1.447(36.8)	1.250(31.8)
23	1.375(34.9)	1.688(42.9)	.157(4.0); .142(3.6)	1.5625-18 UNEF-2A	23	.154(3.9)	1.546(39.3)	1.572(39.9)	1.375(34.9)
25	1.500(38.1)	1.812(46.0)	.157(4.0); .142(3.6)	1.6875-18 UNEF-2A	25	.154(3.9)	1.672(42.5)	1.697(43.1)	1.500(38.1)