D38999/41
Box Mount Hermetic Receptacle
MIL-DTL-38999 Series IV

How To Order: *MS*

Basic Specification	Connector Material / Finish	Insert Arrangement	Alternate Key Position
D38999	*N - CRES, Nickel* *Y - CRES, Passivated*	Per MIL-STD-1560; See Pages B2 - B4	*A, B, C, D, K, L, M, R, U* (*N* = Normal)

D38999	/41	Y	B	35	P	N

Shell Style
/41 - Box Mount

Shell Size

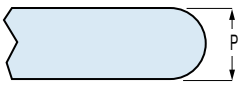
B - 11	*F - 19*
C - 13	*G - 21*
D - 15	*H - 23*
E - 17	*J - 25*

Contact Termination

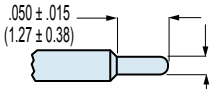
P - Pin, Solder Cup	*S - Socket, Solder Cup*
X - Pin, Eyelet	*Z - Socket, Eyelet*
C - Pin, PCB Flex Feedthrough	*D - Socket, PCB Flex Feedthrough*

TABLE II: CONTACT SIZE

PRINTED CIRCUIT TAIL CONFIGURATIONS
CONTACT STYLE C AND D

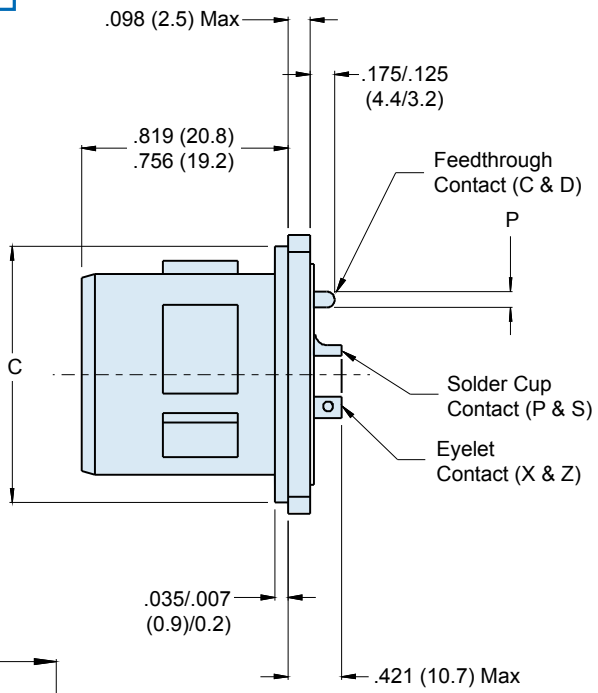


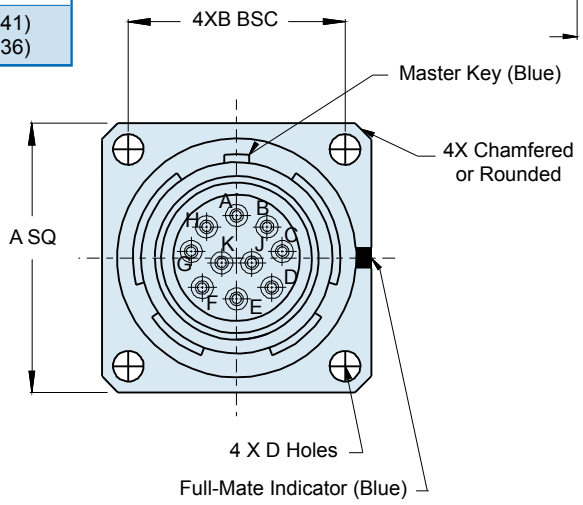
SIZE 12 AND SIZE 16



SIZE 22D AND SIZE 20

Contact Size	ø P
22D	.011 (0.28) .015 (0.38)
20	.024 (0.61) .028 (0.71)
16	.0635 (1.61) .0615 (1.56)
12	.095 (2.41) .093 (2.36)





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D38999/41
Box Mount Hermetic Receptacle
MIL-DTL-38999 Series IV

How To Order: *Commercial*

Connector Series
234 - Series IV Type

Shell Style
H2 - Hermetic Box Mount

Shell Size
11,13,15,17,19,21,23,25

Contact Termination
P - Pin, Solder Cup
X - Pin, Eyelet
C - Pin, PCB
S - Socket, Solder Cup
Z - Socket, Eyelet
D - Socket, PCB

234	-	100	-	H2	Z1	11	-	35	P	N

Connector Type
100 - Hermetic Receptacle

Connector Material / Finish
ZL - CRES, Nickel
Z1 - CRES, Passivated

Insert Arrangement
Per MIL-STD-1560;
See Pages B-2 - B-4

Alternate Key Position
A, B, C, D, K, L, M, R, U
(*N* = Normal)

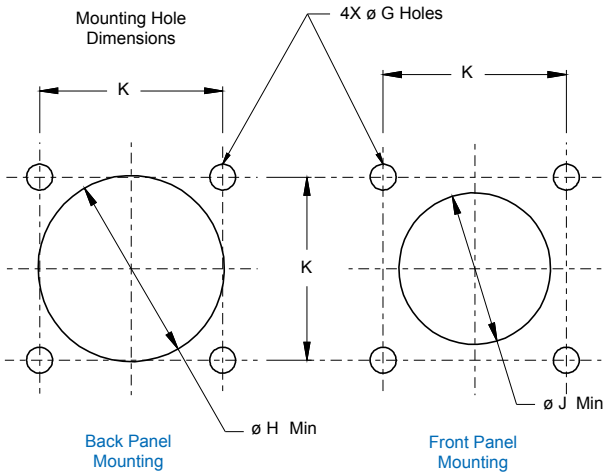

TABLE I: CONNECTOR DIMENSIONS

SHELL SIZE CODE	SHELL SIZE	A SQ	B BSC	C DIA	D DIA	øG HOLES ±.005(0.1)	ø H MIN	ø J MIN	K ±.005(0.1)
B	11	1.051(26.7) 1.008(25.6)	.812(20.6)	.793(20.1) .778(19.8)	.138(3.5) .122(3.1)	.128(3.3)	.781(19.8)	.625(15.9)	.812(20.6)
C	13	1.145(29.1) 1.102(28.0)	.906(23.0)	.919(23.3) .904(23.0)	.138(3.5) .122(3.1)	.128(3.3)	.921(23.4)	.750(19.1)	.906(23.0)
D	15	1.240(31.5) 1.197(30.4)	.969(24.6)	1.044(26.5) 1.029(26.1)	.138(3.5) .122(3.1)	.128(3.3)	1.047(26.6)	.906(23.0)	.968(24.6)
E	17	1.334(33.9) 1.291(32.8)	1.062(27.0)	1.170(29.7) 1.155(29.3)	.138(3.5) .122(3.1)	.128(3.3)	1.218(30.9)	1.016(25.8)	1.062(27.0)
F	19	1.460(37.1) 1.417(36.0)	1.156(29.4)	1.294(32.9) 1.279(32.5)	.138(3.5) .122(3.1)	.128(3.3)	1.296(32.9)	1.142(29.0)	1.156(29.4)
G	21	1.583(40.2) 1.539(39.1)	1.250(31.8)	1.419(36.0) 1.404(35.7)	.138(3.5) .122(3.1)	.128(3.3)	1.421(36.1)	1.266(32.2)	1.250(31.8)
H	23	1.709(43.4) 1.665(42.3)	1.375(34.9)	1.544(39.2) 1.529(38.8)	.157(4.0) .142(3.6)	.154(3.9)	1.546(39.3)	1.375(34.9)	1.375(34.9)
J	25	1.835(46.6) 1.791(45.5)	1.500(38.1)	1.670(42.4) 1.654(42.0)	.157(4.0) .142(3.6)	.154(3.9)	1.672(42.5)	1.484(37.7)	1.500(38.1)

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