

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

How To Order: *MS*

Basic Specification

D38999

Connector Material / Finish

N - CRES, Nickel
Y - CRES, Passivated

Insert Arrangement

Per MIL-STD-1560;
See Pages B2 - B4

Alternate Key Position

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 **D** - Socket, PCB
Flex Feedthrough Flex Feedthrough

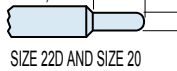
TABLE II: CONTACT SIZE

PRINTED CIRCUIT TAIL CONFIGURATIONS
CONTACT STYLE C AND D



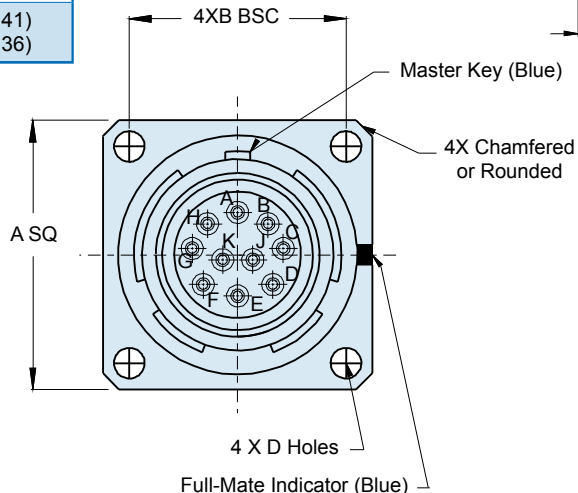
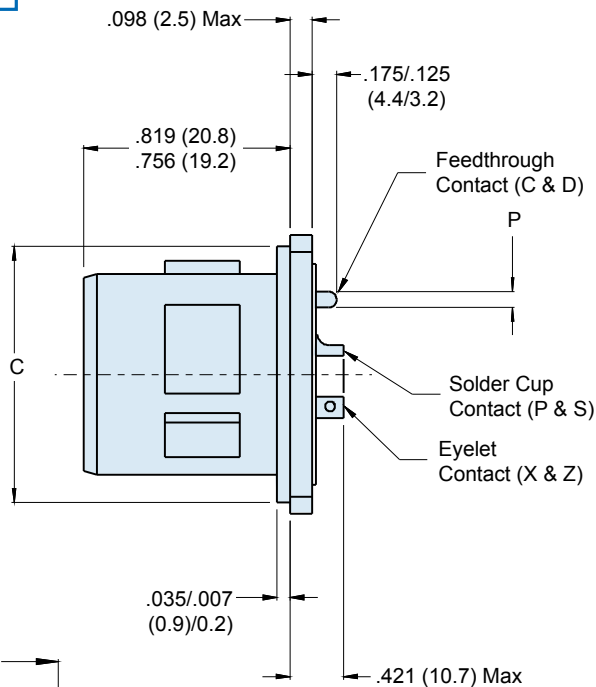
SIZE 12 AND SIZE 16

$.050 \pm .015$
(1.27 $\pm$ 0.38)



SIZE 22D AND SIZE 20

Contact Size	ϕ 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 QPL
Hermetics

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 S - Socket, Solder Cup X - Pin, Eyelet Z - Socket, Eyelet C - Pin, PCB 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)	

B

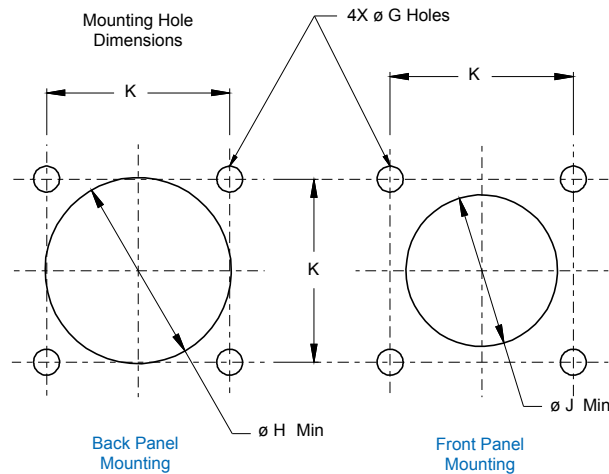


TABLE I: CONNECTOR DIMENSIONS

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)