

MIL-DTL-38999 Series I Type 231-212 Wall-mount feedthru receptacle connector

"BETTER THAN QPL" FEATURES AND BENEFITS

- Improved, positive-lock, 3-point stainless-steel pin bayonet coupling with outstanding vibration and shock resistance
- Plug ground fingers for advanced EMC
- Glenair Signature tin zinc finish class is RoHS compliant and cadmium compatible
- Precision-machined key/keyway polarization for reliable mismatching protection
- Expanded receptacle styles include Clinch-nut and Helicoil mounting, and In-Line configurations
- Scoop-proof design prevents pin damage and short circuits
- Fully tooled for all MIL-STD-1560 insert arrangements
- Contact options include size #22D, #20, #16, and #12 (see High-Speed series for Size #8)
- 500+ mating cycles exceeds MIL-DTL-38999 specification

POWER SPECIFICATIONS

- Max operating temperature is 200°C finish dependent
- Meets Mil-Spec service rating, insert dependent

HOW TO ORDER										
Sample Part Number	231-212	-D0	NF	17	-8	P	N	S	N	-01
Basic Part Number	231-212									
Connector Style	(See Table IV)									
Material/Finish	(See Table V)									
Shell Size	9, 11, 13, 15, 17, 19, 21, 23, 25									
Insert Arrangement	PER MIL-STD-1560									
Contact Style (Panel Side)	P = Pin, Gold, 500 Cycles S = Socket, Gold, 500 Cycles									
Alternate Polarization	A, B, C, D, E, N = Normal, U = Universal									
Contact Style (Flange Side)	P = Pin, Gold, 500 Cycles S = Socket, Gold, 500 Cycles									
Alternate Polarization	A, B, C, D, E, N = Normal, U = Universal									
Panel Accommodation	(See Table III)									

TABLE II - MOUNTING HOLES			
Shell Size	Ø L Min	Ø M Holes	N Bsc
9	0.656 (16.66)	.133 (3.38) / .123 (3.12)	0.719 (18.26)
11	0.796 (20.22)		0.812 (20.62)
13	0.922 (23.42)		0.906 (23.01)
15	1.047 (26.59)		0.969 (24.61)
17	1.219 (30.96)		1.062 (26.97)
19	1.297 (32.94)		1.156 (29.36)
21	1.422 (36.12)		1.250 (31.75)
23	1.547 (39.29)	.159 (4.04) / .149 (3.78)	1.375 (34.93)
25	1.672 (42.47)	.155 (3.94) / .145 (3.68)	1.500 (38.10)

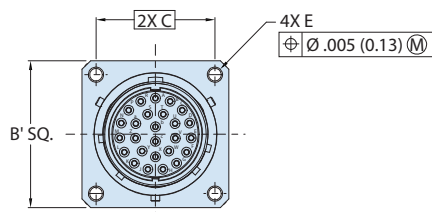
TABLE III - PANEL ACCOMMODATION		
Sym	Panel Thickness	H Max
01	.250 (6.35) .062 (1.57)	1.83 (46.48)
02	.500 (12.70) .062 (1.57)	2.08 (52.83)

TABLE IV - CONNECTOR STYLE	
SYM	Description
CM	Receptacle, Wall-mount With Metric Clinch-nuts
CS	Receptacle, Wall-mount With Standard Clinch-nuts
D0	Receptacle, Wall-mount With Thru Holes
HM	Receptacle, Wall-mount With Metric Helicoils
HS	Receptacle, Wall-mount With Standard Helicoils
T0	Receptacle, Wall-mount With Std Tapped Holes (MAT; SST & MB)
T1	Receptacle, Wall-mount With Mtc Tapped Holes (MAT; SST & MB)

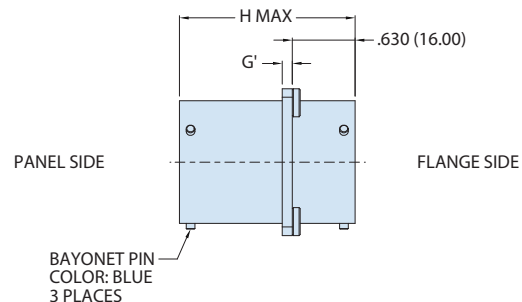
TABLE V - MATERIAL/FINISH		
Sym	Material	Finish
NF	Aluminum Alloy	Cad/O.D. Over Electroless Nickel
MA		Electroless Nickel, Matte
ME		Electroless Nickel
MN		Tri-Nickel Alloy
MT		Nickel-PTFE
TZ		Tin Zinc Over Electroless Nickel
ZN		Zinc-Nickel Olive Drab
ZR		Zinc Ni, Black (Tri-Valent Cr)
TD	Titanium (Td)	Natural - No Plate
Z1	Stainless Steel (SST)	Passivate
ZL		Electrodeposited Nickel
AB	Marine Bronze (MB)	None (Clean Only)

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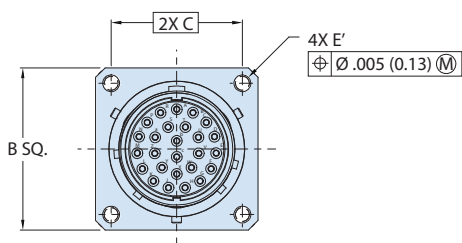
CS - WALL-MOUNT RECEPTACLE



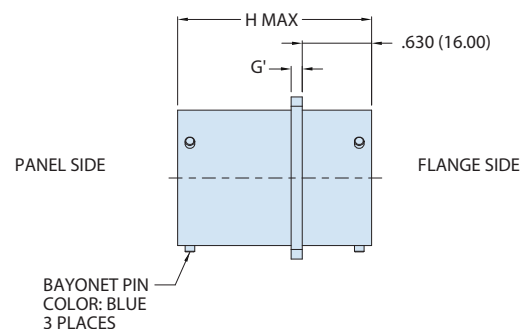
CS - WALL MOUNT RECEPTACLE
 WITH STANDARD CLINCH NUTS (SEE TABLE V)



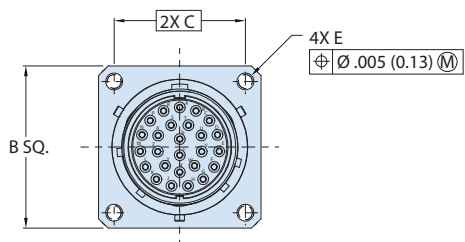
HM - WALL-MOUNT RECEPTACLE



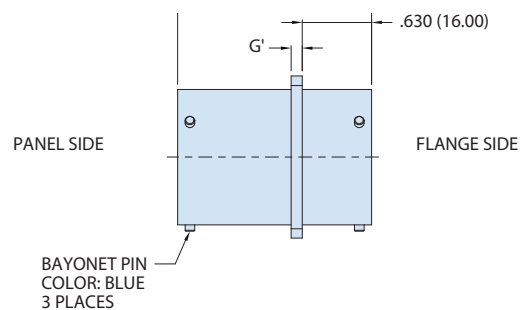
HM - WALL MOUNT RECEPTACLE
 WITH METRIC HELICOILS (SEE TABLE V)



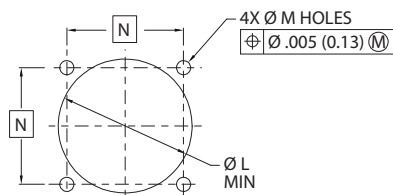
HS - WALL-MOUNT RECEPTACLE



HS - WALL MOUNT RECEPTACLE
 WITH STANDARD HELICOIL (SEE TABLE V)



RECOMMENDED MOUNTING HOLES



RECOMMENDED MOUNTING HOLES
 FOR WALL MOUNT RECEPTACLES