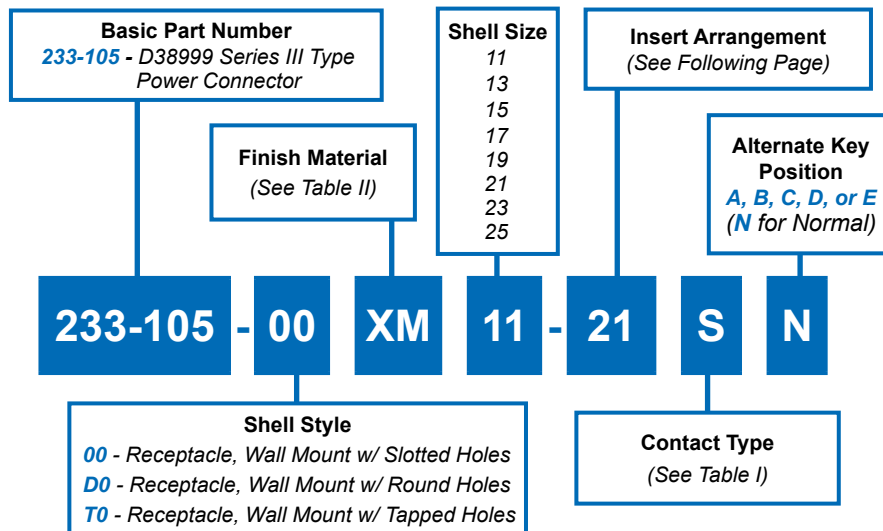
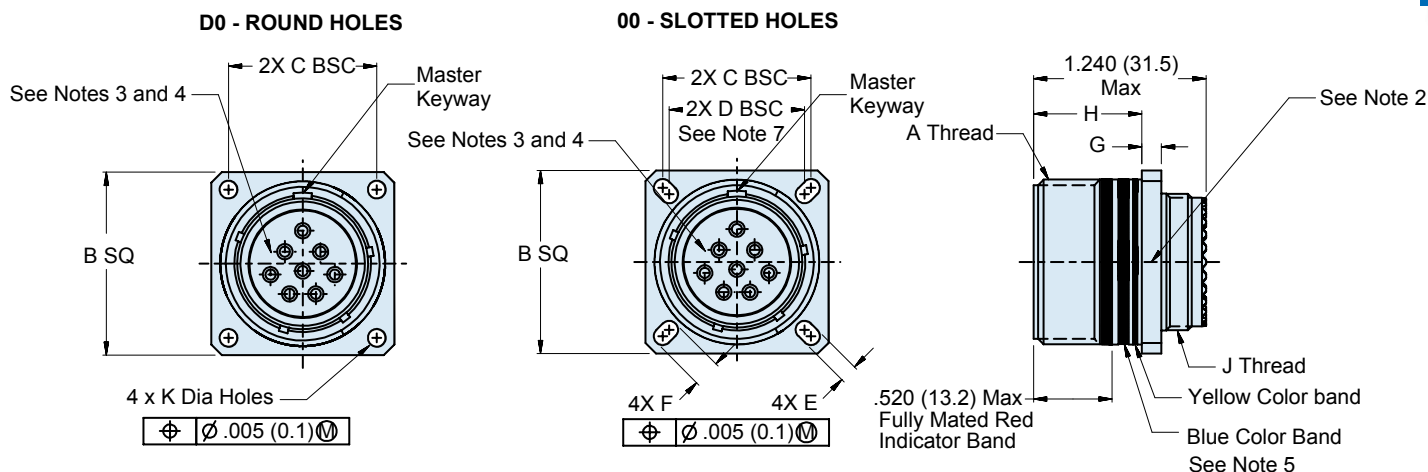


**233-105-00, D0 and T0
MIL-DTL-38999 Series III Type
Wall Mount Environmental Receptacle Connector**



D



Consult factory for available insert arrangements.

APPLICATION NOTES

- Material/ Finishes:
Shells, Jam Nut - See Table II
(Composite Jam Nut & Composite Coupling Nut No Plating Required).
Insulators- High Grade Rigid Dielectric/ N.A
Seals- Fluorosilicone/ N.A.
- Assembly to be identified with Glenair's name, part number and date code space permitting.
- Insert arrangement in accordance with MIL-STD-1560.
- Insert arrangement shown is for reference only.
- Blue Color Band indicates rear release retention system.
- 16# AWG contact arrangements only. See available arrangements opposite page.
- Metric dimensions (mm) are in parentheses.



233-105-00, D0 and T0 MIL-DTL-38999 Series III Type Wall Mount Environmental Receptacle Connector

TABLE I: CONTACT TYPES

Ordering Code	Assembly Dash Number	Wire Size	Type	Military Part Number
P	850-002-16-364	#16 – #20	Pin	M39029/58-364
S	850-001-16-352	#16 – #20	Socket	M39029/56-352
PC	852-008-16-424	RG174, RG316, RG179	Pin	M39029/76-424
SC	852-009-16-428	RG174, RG316, RG179	Socket	M39029/77-428

TABLE II: FINISH

SYM	MATERIAL	FINISH
M	Aluminum	Electroless Nickel
MT	Aluminum	Ni-PTFE 1000 Hour Grey™
NF	Aluminum	Cadmium O.D. Over Electroless Nickel
XM	Composite	Electroless Nickel
XMT	Composite	Ni-PTFE 1000 Hour Grey™
XW	Composite	Cadmium O.D. Over Electroless Nickel
Z1	Stainless Steel	Passivate
ZL	Stainless Steel	Electro-Deposited Nickel

*Consult Factory for Additional Plating Options

TABLE III: SHELL SIZE

Shell Size Code	Shell Size	A Thread	B SQ	C BSC	G	H	J Thread	K Holes Dia
B	11	.7500-.1P-.3L-TS-2A	1.043 (26.5) 1.019 (25.9)	.812 (20.6)	.144 (3.7) .083 (2.1)	.823 (20.9) .768 (19.5)	M15 x 1.0-6g 0.100R	.136 (3.5) .120 (3.0)
C	13	.8750-.1P-.3L-TS-2A	1.138 (28.9) 1.114 (28.3)	.906 (23.0)	.144 (3.7) .083 (2.1)	.823 (20.9) .768 (19.5)	M18 x 1.0-6g 0.100R	.136 (3.5) .120 (3.0)
D	15	1.0000-.1P-.3L-TS-2A	1.232 (31.3) 1.208 (30.7)	.969 (24.6)	.144 (3.7) .083 (2.1)	.823 (20.9) .768 (19.5)	M22 x 1.0-6g 0.100R	.136 (3.5) .120 (3.0)
E	17	1.1875-.1P-.3L-TS-2A	1.323 (33.6) 1.299 (33.0)	1.062 (27.0)	.144 (3.7) .083 (2.1)	.823 (20.9) .768 (19.5)	M25 x 1.0-6g 0.100R	.136 (3.5) .120 (3.0)
F	19	1.2500-.1P-.3L-TS-2A	1.449 (36.8) 1.425 (36.2)	1.156 (29.4)	.144 (3.7) .083 (2.1)	.823 (20.9) .768 (19.5)	M28 x 1.0-6g 0.100R	.136 (3.5) .120 (3.0)
G	21	1.3750-.1P-.3L-TS-2A	1.575 (40.0) 1.551 (39.4)	1.250 (31.8)	.171 (65.2) .083 (39.8)	.791 (20.0) .736 (18.7)	M31 x 1.0-6g 0.100R	.136 (3.5) .120 (3.0)
H	23	1.5000-.1P-.3L-TS-2A	1.701 (43.2) 1.677 (42.6)	1.375 (34.9)	.171 (65.2) .083 (39.8)	.791 (20.0) .736 (18.7)	M34 x 1.0-6g 0.100R	.162 (4.1) .146 (3.7)
J	25	1.6250-.1P-.3L-TS-2A	1.823 (46.3) 1.799 (45.7)	1.500 (38.1)	.171 (65.2) .083 (39.8)	.791 (20.0) .736 (18.7)	M37 x 1.0-6g 0.100R	.162 (4.1) .146 (3.7)



Recommended Cut-Out

SHELL SIZE							
Shell Size Code	Shell Size	AA Dia	BB Flat	M Ø Min	N Ø Min	P Ø Holes	R BSC
B	11	.835 (21.2)	.771 (19.6)	.796 (20.2)	.625 (15.9)	.133 (3.4)	.812 (20.6)
		.825 (21.0)	.761 (19.3)			.123 (3.1)	
C	13	1.020 (25.9)	.955 (24.3)	.922 (23.4)	750 (19.1)	.133 (3.4)	.906 (23.0)
		1.010 (25.7)	.945 (24.0)			.123 (3.1)	
D	15	1.145 (29.1)	1.085 (27.6)	1.047 (26.6)	.906 (23.0)	.133 (3.4)	.969 (24.6)
		1.135 (28.8)	1.075 (27.3)			.123 (3.1)	
E	17	1.270 (32.3)	1.210 (30.7)	1.219 (31.0)	1.016 (25.8)	.133 (3.4)	1.062 (27.0)
		1.260 (32.0)	1.200 (30.5)			.123 (3.1)	
F	19	1.395 (35.4)	1.335 (33.9)	1.297 (32.9)	1.141 (29.0)	.133 (3.4)	1.156 (29.4)
		1.385 (35.2)	1.325 (33.7)			.123 (3.1)	
G	21	1.520 (38.6)	1.460 (37.1)	1.422 (36.1)	1.266 (32.2)	.133 (3.4)	1.250 (31.8)
		1.510 (38.4)	1.450 (36.8)			.123 (3.1)	
H	23	1.645 (41.8)	1.585 (40.3)	1.547 (39.3)	1.375 (34.9)	.159 (4.0)	1.375 (34.9)
		1.635 (41.5)	1.575 (40.0)			.149 (3.8)	
J	25	1.770 (45.0)	1.710 (43.4)	1.672 (42.5)	1.484 (37.7)	.155 (3.9)	1.500 (38.1)
		1.760 (44.7)	1.700 (43.2)			.145 (3.7)	

© 2008 Glenair, Inc.

CAGE CODE 06324

Printed in U.S.A.