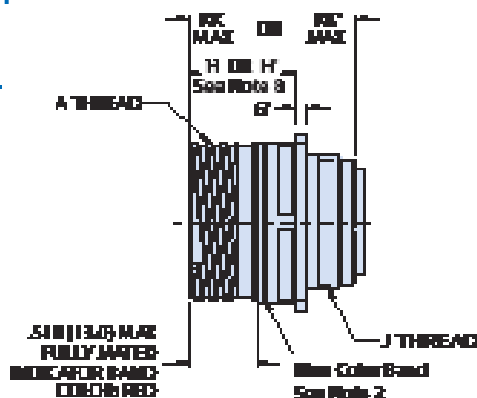
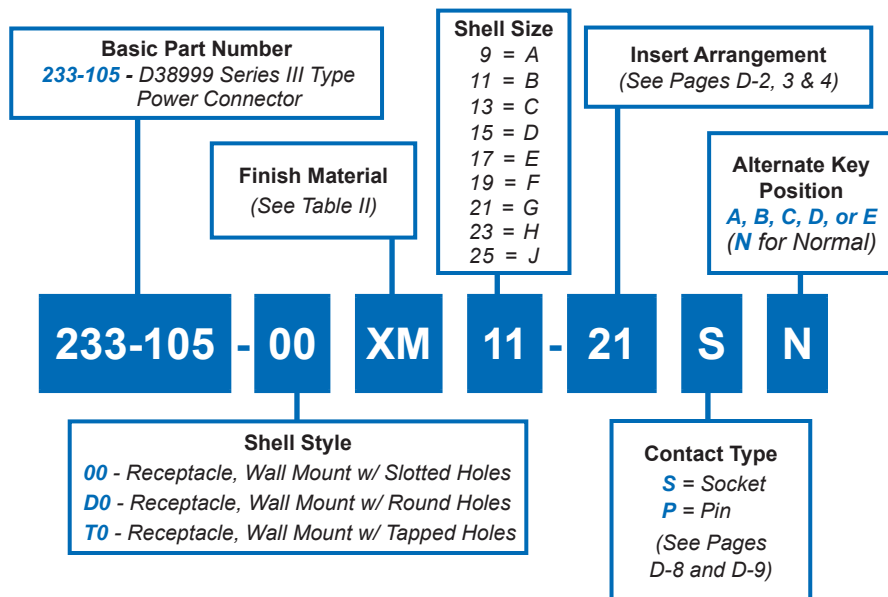


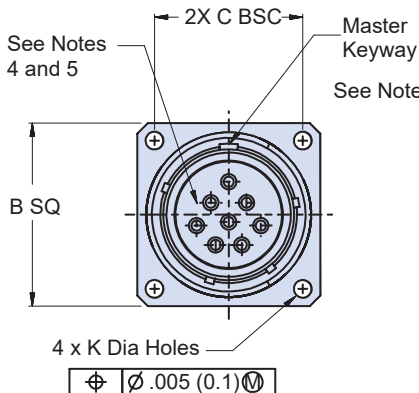
233-105-00 MIL-DTL-38999 Series III Type Wall Mount Environmental Receptacle Connector



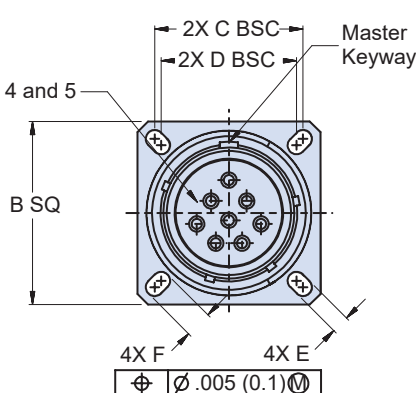
Environmental
Connectors



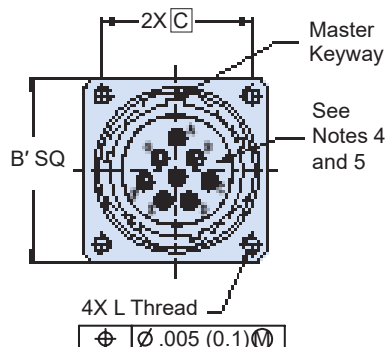
D0 - ROUND HOLES



00 - SLOTTED HOLES



T0 - TAPPED HOLES



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.
- Blue Color Band indicates rear release retention system.
- 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.
- Metric dimensions (mm) are in parentheses.
- Composite connectors use dimensions G', H', and KK'.
- For shell style T0 only dimensions H and G' apply.

233-105-00
MIL-DTL-38999 Series III Type
Wall Mount Environmental Receptacle Connector

TABLE II: FINISH

SYM	MATERIAL	FINISH	MIL SYM
ME	Aluminum	Electroless Nickel	F
MA		Electroless Nickel	G
MT		Ni-PTFE (Nickel Fluorocarbon Polymer)	T
TZ		Tin-Zinc (SnZn) Over Electroless Nickel Over Suitable Underplate	V
NF		Cadmium Plate Olive Drab over Electroless Nickel	W
ZR		Zinc Nickel, Black Over Suitable Underplate	Z
MN		Tri-Nickel Alloy	AA
XW	Composite	Cadmium Olive Drab over Electroless Nickel	J
XM		Electroless Nickel	M
Z1	Stainless Steel	Passivate	K
ZL		Electrodeposited Nickel	S
AB	Marine Bronze	None (Clean Only)	-

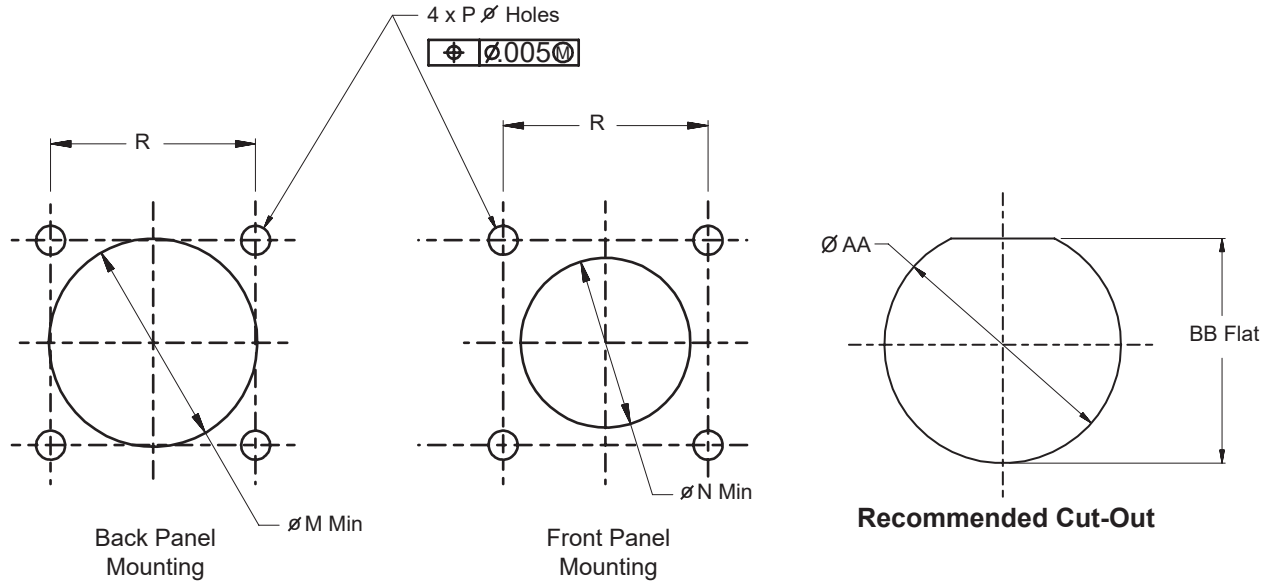
TABLE III: SHELL SIZE

Shell Size Code	Shell Size	A Thread	B SQ	B' SQ	C BSC	D BSC	E	F	G	H	J Thread	K Holes Dia
A	9	.6250-.1P-.3L-TS-2A	.949 (24.1) .925 (23.5)	1.039 (26.39) .999 (25.37)	.719 (18.3)	.594 (15.1)	.136 (3.5) .120 (0.1)	.224 (5.7) .208 (5.3)	.144 (3.7) .083 (2.1)	.820 (20.8) .768 (19.5)	M12 x 1.0-6g 0.100R	.136 (3.5) .120 (3.0)
B	11	.7500-.1P-.3L-TS-2A	1.043 (26.5) 1.019 (25.9)	1.132 (28.75) 1.092 (27.74)	.812 (20.6)	.719 (18.3)	.136 (3.5) .120 (0.1)	.202 (5.1) .188 (4.7)	.144 (3.7) .083 (2.1)	.820 (20.8) .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)	1.226 (31.14) 1.186 (30.12)	.906 (23.0)	.812 (20.6)	.136 (3.5) .120 (0.1)	.202 (5.1) .188 (4.7)	.144 (3.7) .083 (2.1)	.820 (20.8) .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)	1.289 (32.74) 1.249 (31.72)	.969 (24.6)	.906 (23.0)	.136 (3.5) .120 (0.1)	.202 (5.1) .208 (5.3)	.144 (3.7) .083 (2.1)	.820 (20.8) .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)	1.382 (35.10) 1.342 (34.09)	1.062 (27.0)	.969 (24.6)	.136 (3.5) .120 (0.1)	.202 (5.1) .188 (4.7)	.144 (3.7) .083 (2.1)	.820 (20.8) .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)	1.476 (37.49) 1.436 (36.47)	1.156 (29.4)	1.062 (27.0)	.136 (3.5) .120 (0.1)	.202 (5.1) .188 (4.7)	.144 (3.7) .083 (2.1)	.820 (20.8) .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)	1.582 (40.18) 1.542 (39.17)	1.250 (31.8)	1.156 (29.4)	.136 (3.5) .120 (0.1)	.202 (5.1) .188 (4.7)	.171 (65.2) .083 (39.8)	.790 (20.1) .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)	1.739 (44.17) 1.699 (43.15)	1.375 (34.9)	1.250 (31.8)	.162 (4.1) .146 (3.7)	.250 (6.4) .234 (5.9)	.171 (65.2) .083 (39.8)	.790 (20.1) .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)	1.884 (47.85) 1.824 (46.33)	1.500 (38.1)	1.375 (34.9)	.162 (4.1) .146 (3.7)	.250 (6.4) .234 (5.9)	.171 (65.2) .083 (39.8)	.790 (20.1) .736 (18.7)	M37 x 1.0-6g 0.100R	.162 (4.1) .146 (3.7)

233-105-00
MIL-DTL-38999 Series III Type
Wall Mount Environmental Receptacle Connector



Environmental
Connectors



**Recommended Mounting Holes
for Wall Mount Receptacle**

TABLE IV: SHELL SIZE							
Shell Size Code	Shell Size	AA Dia	BB Flat	M ϕ Min	N ϕ Min	P ϕ Holes	R BSC
A	9	.703 (17.9) .693 (17.6)	.657 (16.7) .655 (16.6)	.656 (16.7)	.516 (13.1)	.133 (3.4) .123 (3.1)	.719 (18.3)
B	11	.835 (21.2) .825 (21.0)	.771 (19.6) .769 (19.5)	.796 (20.2)	.625 (15.9)	.133 (3.4) .123 (3.1)	.812 (20.6)
C	13	1.020 (25.9) 1.010 (25.7)	.955 (24.3) .943 (24.0)	.922 (23.4)	.750 (19.1)	.133 (3.4) .123 (3.1)	.906 (23.0)
D	15	1.145 (29.1) 1.135 (28.8)	1.085 (27.6) 1.083 (27.5)	1.047 (26.6)	.906 (23.0)	.133 (3.4) .123 (3.1)	.969 (24.6)
E	17	1.270 (32.3) 1.260 (32.0)	1.210 (30.7) 1.208 (30.7)	1.219 (31.0)	1.016 (25.8)	.133 (3.4) .123 (3.1)	1.062 (27.0)
F	19	1.395 (35.4) 1.385 (35.2)	1.335 (33.9) 1.333 (33.9)	1.297 (32.9)	1.141 (29.0)	.133 (3.4) .123 (3.1)	1.156 (29.4)
G	21	1.520 (38.6) 1.510 (38.4)	1.460 (37.1) 1.458 (37.0)	1.422 (36.1)	1.266 (32.2)	.133 (3.4) .123 (3.1)	1.250 (31.8)
H	23	1.645 (41.8) 1.635 (41.5)	1.585 (40.3) 1.583 (40.2)	1.547 (39.3)	1.375 (34.9)	.159 (4.0) .149 (3.8)	1.375 (34.9)
J	25	1.770 (45.0) 1.760 (44.7)	1.710 (43.4) 1.708 (43.4)	1.672 (42.5)	1.484 (37.7)	.155 (3.9) .145 (3.7)	1.500 (38.1)

Metric dimensions (mm) are indicated in parentheses

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Glenair:](#)

[233-105-00Z121-35SA](#) [233-105-D0MT11-35SN](#) [233-105-D0MT15-05SN](#) [233-105-D0MT17-35PA](#) [233-105-D0MT17-35PN](#) [233-105-00MT13-98SN](#) [233-105-00NF23L-54PN](#) [233-105-D0MT19-11SA](#)