



Consult factory for available insert arrangements.

#### APPLICATION NOTES

1. Material/ Finishes:  
Barrel, Coupling Nut - See Table II  
(Composite Coupling Nut - No Plating Required).  
Insulators- High Grade Rigid Dielectric/ N.A.  
Seals- Fluorosilicone/ N.A.
2. Assembly to be identified with Glenair's name, part number and date code space permitting.
3. Insert arrangement in accordance with MIL-STD-1560.
4. Insert arrangement shown is for reference only.
5. Blue Color Band indicates rear release retention system.
7. Metric Dimensions (mm) are indicated in parentheses.

**233-105-G6**  
**MIL-DTL-38999 Series III Type**  
**Environmental Plug 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)	-

D

**TABLE III: SHELL SIZE**

Shell Size Code	Shell Size	CC Max Dia	DD Max Dia	EE Thread
A	09	.811 (20.6)	.858 (21.8)	M12 x 1.0-6g 0.100R
B	11	.929 (23.6)	.984 (25.0)	M15 x 1.0-6g 0.100R
C	13	1.110 (28.2)	1.157 (29.4)	M18 x 1.0-6g 0.100R
D	15	1.232 (31.3)	1.280 (32.5)	M22 x 1.0-6g 0.100R
E	17	1.358 (34.5)	1.406 (35.7)	M25 x 1.0-6g 0.100R
F	19	1.469 (37.3)	1.516 (38.5)	M28 x 1.0-6g 0.100R
G	21	1.594 (40.5)	1.642 (41.7)	M31 x 1.0-6g 0.100R
H	23	1.720 (43.7)	1.768 (44.9)	M34 x 1.0-6g 0.100R
J	25	1.843 (46.8)	1.890 (48.0)	M37 x 1.0-6g 0.100R