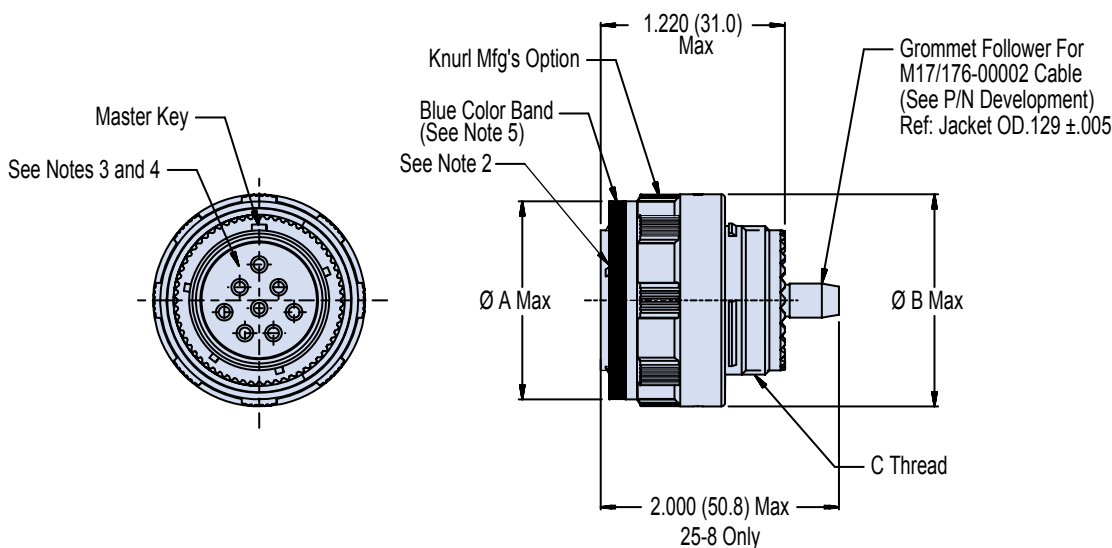
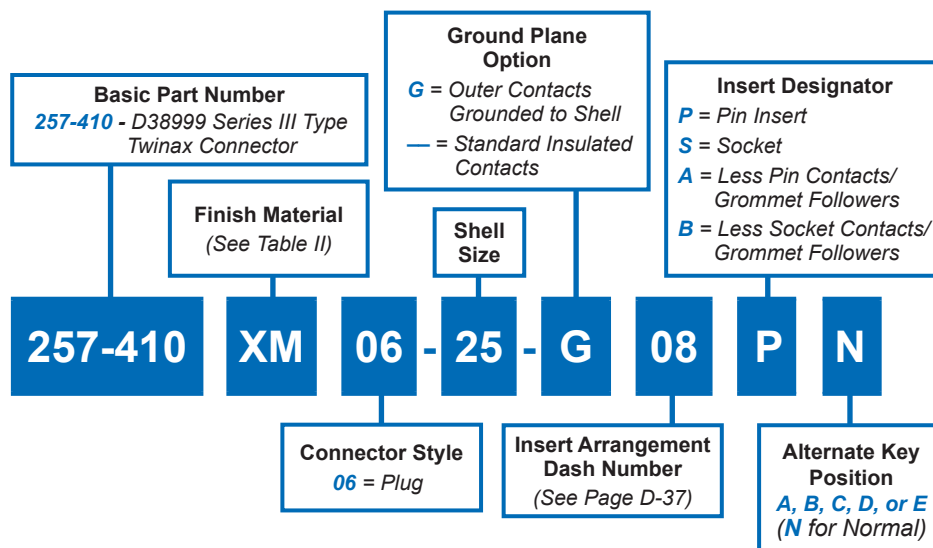


257-410 Metal or Composite Ground Plane Twinax Connector 8GA • MIL-DTL-38999 Series III Type



APPLICATION NOTES

- Material/Finishes:
Plug barrel/Coupling nut - See Table II.
(Composite coupling is unplated).
Insulator - Aluminum alloy/Conductive plate
or high-grade thermoplastic.
Contact retainer clips - HT BeCu/Conductive plate.
Seals - Fluorosilicone/N.A.
- Assembly to be identified with Glenair's name, partnumber
and date code, space permitting.
- Insert arrangements are in accordance with MIL-STD-1560
(See page D-37).
- Insert arrangement shown is for reference only.
- Blue color band indicates rear release retention system.
- Ground plane performance: per Table II, between outer
contact and plug barrel (see part number development).
- For P and S, plug is supplied with contacts P/N M39029/90-
529 (Pin) or M39029/91-530 (Socket) and Grommet Follower
P/N 687-643-8-1 (No spares/sealing plugs provided).
- Metric dimensions (mm) are in parentheses.

257-410
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Twinax and
Quadax
Connectors

TABLE I: SHELL SIZE

Shell Size	A Dia Max	B Dia Max	C Thread
09	.811 (20.6)	.858 (21.8)	M12 x 1.0-6g 0.100R
21	1.594 (40.5)	1.642 (41.7)	M31 x 1.0-6g 0.100R
23	1.720 (43.7)	1.768 (44.9)	M34 x 1.0-6g 0.100R
25	1.843 (46.8)	1.890 (48.0)	M37 x 1.0-6g 0.100R

TABLE II: MATERIAL/FINISH and GROUND PLANE

Sym	Material	Finish	Ground Plane
M	Aluminum	Electroless Nickel	1 mV
NF		Cadmium O.D. Over Electroless Nickel	2.5 mV
XM	Composite	Electroless Nickel	3.0 mV
XW		Cadmium O.D. over Electroless Nickel	3.0 mV

Consult Factory for Additional Plating Options

E