

250-005 Shorting Plug MIL-DTL-38999 Series II Type



Environmental
Connectors

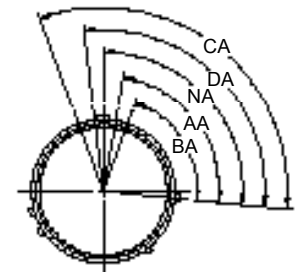
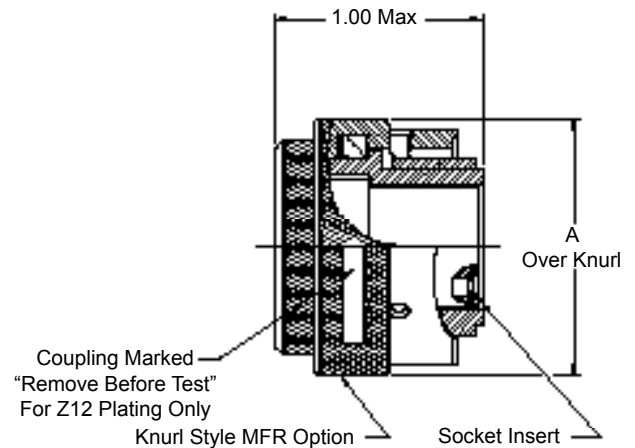
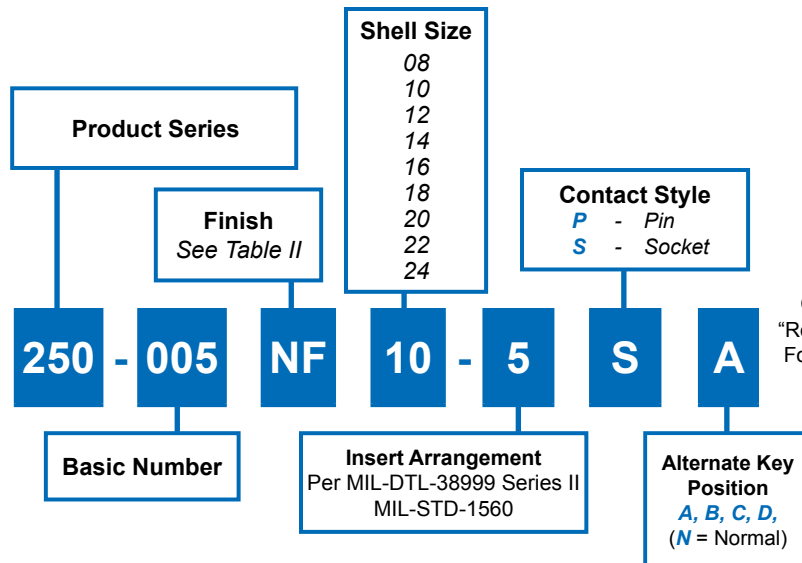


Figure 1
Master Keyway Position
Face View Shown
Insert Arrangement Does
Not Rotate With Master Keyway

TABLE I: CONNECTOR DIMENSIONS

SHELL SIZE	A MAX	ALTERNATE KEYWAY POSITIONS				
		NA	AA	BA	CA	DA
08	.750(19.1)	100A	82A	-	-	118A
10	.859(21.8)	100A	86A	72A	128A	114A
12	1.031(26.2)	100A	80A	68A	132A	120A
14	1.156(29.4)	100A	79A	66A	134A	121A
16	1.281(32.5)	100A	82A	70A	130A	118A
18	1.406(35.7)	100A	82A	72A	130A	118A
20	1.531(38.9)	100A	82A	70A	130A	118A
22	1.641(41.7)	100A	85A	74A	126A	115A
24	1.766(44.9)	100A	85A	74A	126A	115A

TABLE II: FINISH

SYM	FINISH
M	Electroless Nickel
MT	Ni-PTFE 1000 Hour Grey™ (Nickel-Fluorocarbon Polymer)
NF	Cadmium O.D. Over Electroless Nickel
N	Cadmium O.D. Over Nickel Plate

APPLICATION NOTES

- Assembly identified with manufacturer's name, part number and date code.
- All contacts are shorted to each other and to the shell, max resistance between contacts and shell shall be 2.5 milliohms.
- Material/Finish:
Barrel, coupling nut, cover—aluminum alloy/see Table II
Contacts, grounding ring—copper alloy/gold plate
Grounding wafer—copper/tin plate
Wave washer—CRES/passivate
Insulators—high grade rigid dielectric/N.A.
- Metric Dimensions (mm) are indicated in parentheses.