

SuperNine® Environmental Series



MIL-DTL-38999 Series III Type

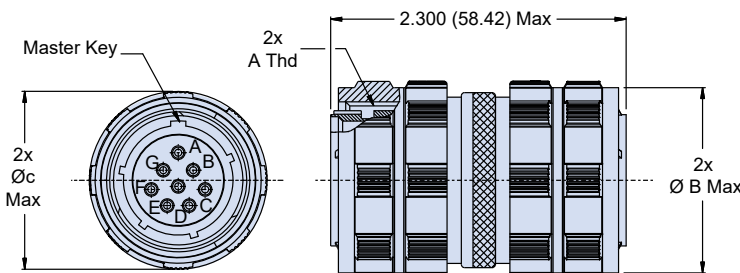
233-214 Sav-Con® in-line plug / plug connector saver

ENVIRONMENTAL CONNECTORS



Part Number Development							
Sample Part Number	233-214	-NF	17-8	P	N	S	N
Series / Basic Part No.	233-214 = Sav-Con Connector Saver with polarization options						
Finish	NF = Cadmium Olive Drab ME = Electroless Nickel MT = Nickel PTFE ZR = Black Zinc Nickel Consult factory for additional finish options						
Shell Size - Insert Arrangement*	Per MIL-STD-1560, see page 54 for supported layouts; see note 7						
Contact Style (Plug Side)	P = Pin, gold, 500 cycles S = Socket, gold, 500 cycles See notes 2 and 3						
Alternate Polarization* (Plug Side)	A, B, C, D, E, N = Normal, U = Universal; See Note 5						
Contact Style (Plug Side)	P = Pin, gold, 500 cycles S = Socket, gold, 500 cycles See notes 2 and 3						
Alternate Polarization* (Plug Side)	A, B, C, D, E, N = Normal, U = Universal; See Note 5						

*Refer to Section A for complete details



Dimensions				
Shell Size Code	Shell Size	A Thread .1P-.3I-TS-2B	ØB Max	ØC Max
A	9	.6250	0.811 (20.6)	0.858 (21.8)
B	11	.7500	0.929 (23.6)	0.984 (25.0)
C	13	.8750	1.110 (28.2)	1.157 (29.4)
D	15	1.0000	1.232 (31.3)	1.280 (32.5)
E	17	1.1875	1.358 (34.5)	1.406 (35.7)
F	19	1.2500	1.469 (37.3)	1.516 (38.5)
G	21	1.3750	1.594 (40.5)	1.642 (41.7)
H	23	1.5000	1.720 (43.7)	1.768 (44.9)
J	25	1.6250	1.843 (46.8)	1.890 (48.0)

NOTES

- Glenair's 233-214 connector savers are designed to meet or exceed the mechanical dimensional, electrical, and environments, requirements of MIL-DTL-38999, D38999/20 and /24 and MIL-STD-1560 except as shown and /or noted. Glenair connector savers mate with any QPL manufacturer's MIL-DTL-38999, series III plugs and receptacles have the same shell size, insert arrangement, and polarization.
- For pin/pin and socket/socket, symmetrical layout only.
- Power to a given contact on one end will result in power to a contact directly opposite, regardless of identification letter.
- Electrical safety limits must be established by user. Peak voltage, switching surge, transient, etc. should be used to determine the safety application.
- Alternate polarization 'U' (universal) is a non-standard/non-

mill-spec option intended for test lab use only which allows for mating to any QPL manufacturer's MIL-DTL-38999, series III connector having the same shell size, insert arrangement, and mating contact size. Universal connectors are intended for use in testing facilities only and should be highly evaluated before consideration in another environment.

- Signal/power inserts only.
- Material/finish
 - Barrel, coupling nut: see part number development, finish
 - Detent spring: stainless steel/passivated
 - Insulator: high grade rigid dielectric/N.A.
 - Seals: fluorosilicone blend/N.A.
 - contacts: copper alloy/gold plated