

MIL-DTL-38999 Series I Type
231-214 Sav-Con® connector saver, plug-to-plug interface

**“BETTER THAN QPL”
FEATURES AND BENEFITS**

- Improved, positive-lock, 3-point stainless-steel pin bayonet coupling with outstanding vibration and shock resistance
- Plug ground fingers for advanced EMC
- Glenair Signature tin zinc finish class is RoHS compliant and cadmium compatible
- Precision-machined key/keyway polarization for reliable mismatching protection
- Expanded receptacle styles include Clinch-nut and Helicoil mounting, and In-Line configurations
- Scoop-proof design prevents pin damage and short circuits
- Fully tooled for all MIL-STD-1560 insert arrangements
- Contact options include size #22D, #20, #16, and #12 (see High-Speed series for Size #8)
- 500+ mating cycles exceeds MIL-DTL-38999 specification

POWER SPECIFICATIONS

- Max operating temperature is 200°C finish dependent
- Meets Mil-Spec service rating, insert dependent

HOW TO ORDER								
Sample Part Number	231-214	-NF	17	-8	P	N	S	N
Basic Part Number	231-214							
Material/Finish	(See Table I)							
Connector Size	9, 11, 13, 15, 17, 19, 21, 23, 25							
Insert Arrangement	PER MIL-STD-1560							
Contact Style (Plug Side)	P = Pin, Gold, 500 Cycles S = Socket, Gold, 500 Cycles							
Alternate Polarization	A, B, C, D, E, N = Normal, U = Universal							
Contact Style (Receptacle Side)	P = Pin, Gold, 500 Cycles S = Socket, Gold, 500 Cycles							
Alternate Polarization	A, B, C, D, E, N = Normal, U = Universal							

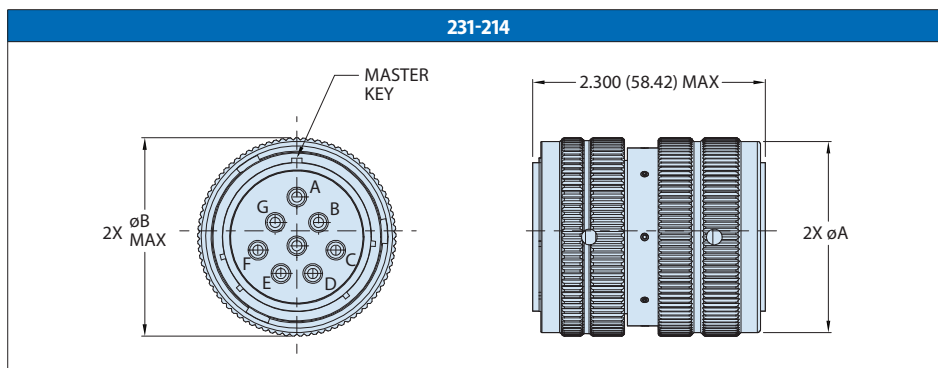


TABLE II - PLUG			
Shell Size Code	Shell Size	ØA	ØB Max
A	9	.791 (20.09) .780 (19.81)	0.859 (21.82)
B	11	.916 (23.27) .905 (22.99)	0.984 (24.99)
C	13	1.072 (27.23) 1.061 (26.95)	1.156 (29.36)
D	15	1.197 (30.40) 1.186 (30.12)	1.281 (32.54)
E	17	1.312 (33.32) 1.301 (33.05)	1.406 (35.71)
F	19	1.433 (36.40) 1.422 (36.12)	1.516 (38.51)
G	21	1.555 (39.50) 1.544 (39.22)	1.641 (41.68)
H	23	1.678 (42.62) 1.667 (42.34)	1.766 (44.86)
J	25	1.804 (45.82) 1.793 (45.54)	1.891 (48.03)

TABLE I - MATERIAL/FINISH		
Sym	Material	Finish
NF	Aluminum Alloy	Cad/O.D. Over Electroless Nickel
MA		Electroless Nickel, Matte
ME		Electroless Nickel
MN		Tri-Nickel Alloy
MT		Nickel-PTFE
TZ		Tin Zinc Over Electroless Nickel
ZR		Zinc Ni, Black (Tri-Valent Cr)