

SUPERNINE D38999 SERIES III TYPE Lanyard-Release Fail-Safe Connectors



233-216 Lanyard-Release Crimp Plug Series IAW D38999/31, Type 1, 4, and 6 Integrated band porch and shrink boot adapter



ADAPTER CODE H

"H" adapter code accessories
(D38999 Series III, metric thread)
fit this connector

HOW TO ORDER										
Sample Part Number	233-216	B	G6	ME	25-35	S	A	E	-4	-1048
Series / Basic Part No.	233-216 = Lanyard Release Plug									
Rear Accessory Option	- = Accessory thread and teeth B = Integrated band porch and boot groove S = Integrated band porch									
Connector Style*	G6 = Plug with EMI Spring									
Finish	TZ = Tin-Zinc over Nickel, Cadmium-free MN = Al Alloy, MegaNickel, per D38999 class AA NF = Aluminum Alloy, Cad O.D. over Nickel ZL = CRES, Electrodeposited Nickel Z1 = CRES, Passivated ME = Aluminum Alloy, Electroless Nickel									
Shell Size-Insert Arrangement	Per MIL-STD-1560 (standard, high-density, and combo)									
Contact Type	P = Pin S = Socket A = Pin Insert, Less Contact B = Socket Insert, Less Contact									
Alternate Key Position*	A, B, C, D, E, N = Normal (Per MIL-DTL-38999 Series III)									
Lanyard Length Code	Lanyard Length Code table									
Connector Type	-1 = Type 1 Long Length -4 = Type 4 Standard Short Length -6 = Type 6 Medium Length									
Lanyard Pull Force Mod Code	-1048 = Maximum 200 Newton (44.96 lbs.) separation force Omit for standard (see Separation Pull Forces Maximum table)									

LANYARD LENGTH CODE							
Code	L ± .236 (±6)	Code	L ± .236 (±6)	Code	L ± .236 (±6)	Code	L ± .236 (±6)
A	4.016(102)	G	7.007(178)	M	10.000(254)	U	13.031(331)
B	4.527(115)	H	7.519(191)	N	10.511(267)	V	14.015(356)
C	5.000(127)	I	7.992(203)	P	11.023(280)	W	15.000(381)
D	5.511(140)	J	8.503(216)	R	11.535(293)	X	16.023(407)
E	6.024(153)	K	9.015(229)	S	12.007(305)	Y	17.007(432)
F	6.535(166)	L	9.527(242)	T	12.519(318)	Z	18.031(458)

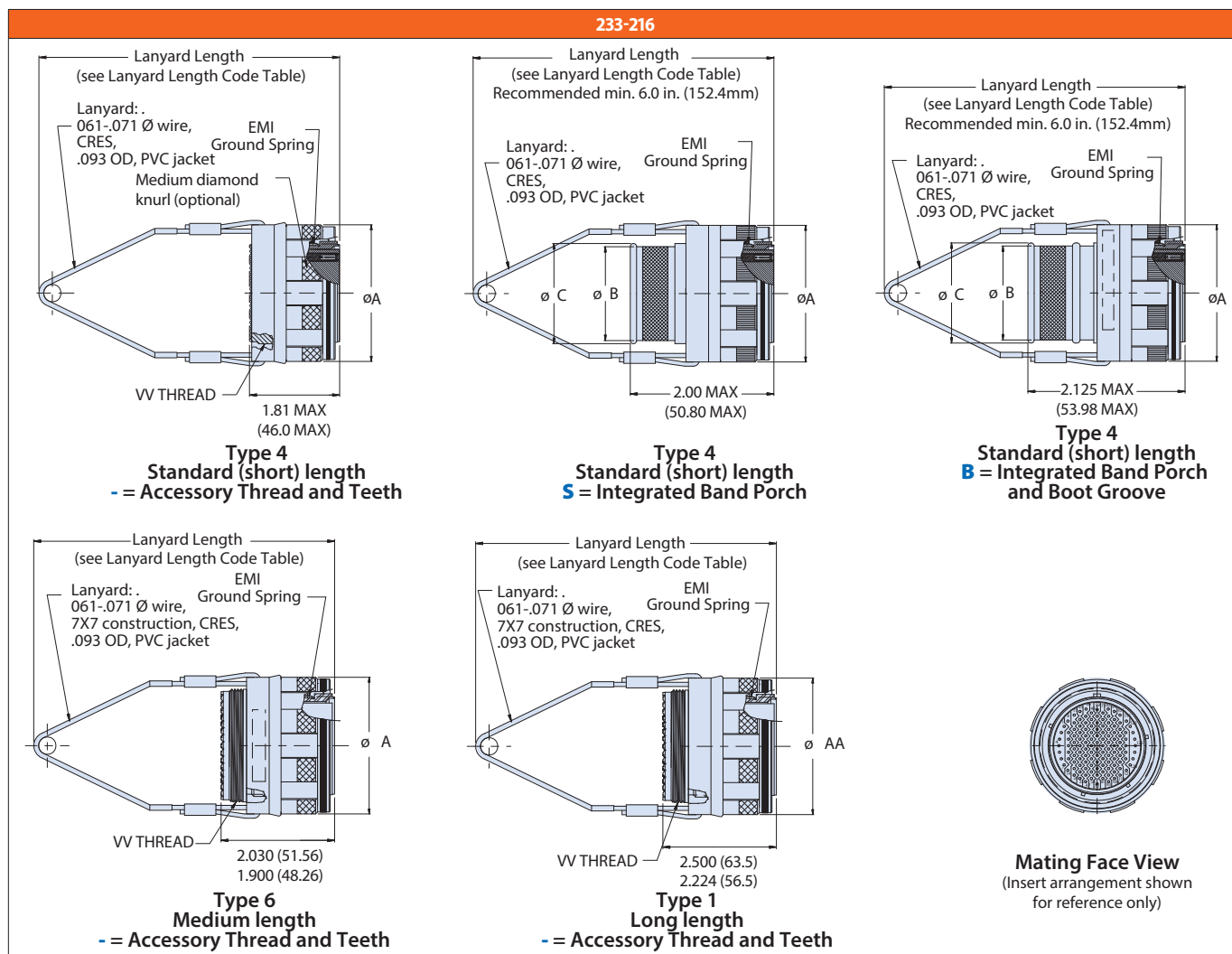
NOTES:

- This connector mates with D38999/20, and 24.
- Blue color band indicates rear release retention system.
- Connectors to be supplied with contacts, insertion/removal tools and sealing plugs.
- Commercial equivalent of D38999/31 type 1, 4, and 6. per Glenair Test Report GT-14-73
- Material/finish
 - Ratchet ring, detent spring: stainless steel/passivated
 - Ground spring: Copper alloy / nickel plated
 - Wave spring: CRES/passivated
 - Insulator: high-grade rigid dielectric
 - Seals, grommet: fluorosilicone blend
 - Contacts: copper alloy

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DIMENSIONS			
Shell Size	Shell Size Code	ØA ±.06	VV Thread
9*	A	Consult Factory	M12 x1-6g-0.100R
11	B	1.180 (29.97)	M15 x1-6g-0.100R
13	C	1.310 (33.27)	M18 x1-6g-0.100R
15	D	1.437 (36.50)	M22 x1-6g-0.100R
17	E	1.560 (39.62)	M25 x1-6g-0.100R
19	F	1.690 (42.93)	M28 x1-6g-0.100R
21	G	1.760 (44.70)	M31 x1-6g-0.100R
23	H	1.900 (48.26)	M34 x1-6g-0.100R
25	J	2.000 (50.80)	M37 x1-6g-0.100R

SEPARATION PULL FORCES MAXIMUM		
Shell Size	Straight Pull Lbs. (Newton)	15 Degree Pull Lbs. (Newton)
9	44.96 (200)	55.08 (245)
11	44.96 (200)	55.08 (245)
13	44.96 (200)	55.08 (245)
15	44.96 (200)	55.08 (245)
17	89.92 (400)	100.04 (445)
19	89.92 (400)	100.04 (445)
21	89.92 (400)	100.04 (445)
23	89.92 (400)	100.04 (445)
25	89.92 (400)	100.04 (445)

*Size #9 is only available in type -4