

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



233-223 Lanyard-Release Crimp Plug Series IAW D38999/29 (pin) and /30 (socket) 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	233-223	B	G6	ME	25-8	E	P	N	-991
Series / Basic Part No.	233-223 = Lanyard-release crimp plug								
Rear Accessory Options	- = Accessory thread and teeth B = Integrated band porch and boot groove S = Integrated band porch								
Connector Style	G6 = Lanyard-Release Plug								
Material / Finish	TZ = Tin-Zinc over Nickel, Cadmium-free MN = Al Alloy, MegaNickel, per D38999 class AA ME = Aluminum Alloy, Electroless Nickel NF = Aluminum Alloy, Cad O.D. Over Nickel MT = Aluminum Alloy, Nickel Fluorocarbon Polymer Z1 = Stainless Steel, Passivated ZL = Stainless Steel, Electrodeposited Nickel								
Shell Size-Insert Arrangement	Per MIL-STD-1560 (standard, high-density, and combo)								
Lanyard Length Code	See Lanyard Length Code table								
Contact Style	A = Pin Less Contact P = Pin Insert Contacts B = Socket Less Contact S = Socket Insert Contacts								
Alternate Polarization	A, B, C, D, E, N = Normal								
Lanyard Pull Force Mod Code	-991 = Maximum 100 Newton (22 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, /21, /23, /24, /25, and /27.
- Blue color band indicates rear release retention system.
- DIM B is clearance to accommodate SAE-AS85049 accessories.
- All contacts, insertion / removal tool, and sealing plug to be ordered separately.
- Connector 233-223 is commercial equivalent of D38999/29. Glenair test data #GT-15-107.
- Banding Porch Option:
 - B** = integrated backshell boot adapter over all dimension is 2.125 Max for size 11-25-not offered for size 9
 - S** = integrated backshell single band over all dimension is 2.00 Max. For size 11-25- not offered for size 9.
- Coupling nut clearance is for backshell. Boot and overmold O.D must be less than Ø B dimensions.
- Material/finish
 - Shell, coupling sleeve, lanyard ring, inner sleeve, locking-Al alloy or CRES/
 - Contacts - copper alloy/gold plate
 - Insulators - high grade rigid dielectric
 - Seals - fluorosilicone

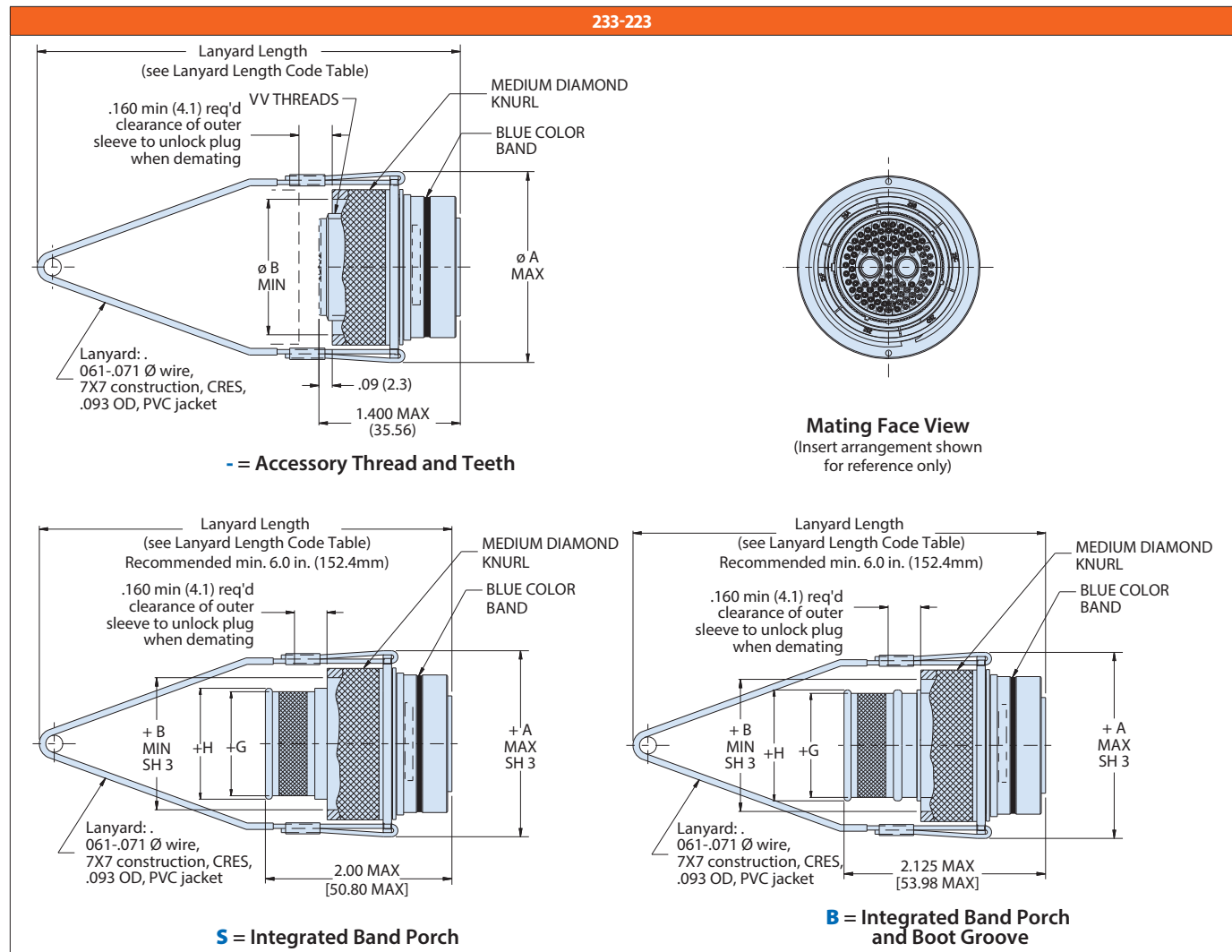
SUPERNINE D38999 SERIES III TYPE

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Integrated band porch and shrink boot adapter



DIMENSIONS						
Shell Size	Shell Size Code	A Max	B Min	VV Thread	+ G	+ H
09	A	1.800 (45.7)	0.977 (24.8)	M12 x1-6g-0.100R	N/A	N/A
11	B	1.846 (46.9)	1.003 (25.5)	M15 x1-6g-0.100R	0.535 (13.59)	0.585 (14.86)
13	C	1.972 (50.1)	1.177 (29.9)	M18 x1-6g-0.100R	0.643 (16.33)	0.703 (17.86)
15	D	2.078 (52.8)	1.299 (33.0)	M22 x1-6g-0.100R	0.800 (20.32)	0.860 (21.84)
17	E	2.204 (56.0)	1.425 (36.2)	M25 x1-6g-0.100R	0.930 (23.62)	0.980 (24.89)
19	F	2.330 (59.2)	1.535 (39.0)	M28 x1-6g-0.100R	1.040 (26.42)	1.100 (27.94)
21	G	2.472 (62.8)	1.661 (42.2)	M31 x1-6g-0.100R	1.155 (29.34)	1.215 (30.86)
23	H	2.594 (65.9)	1.787 (45.4)	M34 x1-6g-0.100R	1.273 (32.33)	1.333 (33.86)
25	J	2.704 (68.7)	1.909 (48.5)	M37 x1-6g-0.100R	1.391 (35.33)	1.451 (36.86)

SEPARATION PULL FORCES MAXIMUM		
Shell Size	Straight Pull Lbs. (Newton)	15 Degree Pull Lbs. (Newton)
09	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)