

233-260 QDC Plug with shielded crimp removable contacts

MIL-DTL-38999 Series III type, part number development

Part Number Development													
Sample Part Number	233-260				-G6	ME	25	-	G	17-60	A	P	N
Series / Basic Part No.	233-260 Quick Disconnect (QDC) Plug with Shielded High-Speed Contacts												
Connector Style	G6 = Plug												
Material/Finish	NF = Aluminum/Cad. Olive Drab		MT = Aluminum/Nickel PTFE		ME = Aluminum/ Electroless Nickel		Z1 = SST, Passivated						
Shell Size	9, 11, 17, 19, 21, 23, 25												
Contact Type	P = Power		D = Differential Twinax		Q = Quadrax (100 ohm)		E = El Ochito			T = Triax/Concentric Twinax (per /90 and /91)		C = Coax (per M39029/59, /60, 76, /77, /102, /103)	
Ground Option	G = Common Ground		- = None										
Insert Arrangement	Per MIL-STD-1560, See page C-5 and C-6												
Lanyard Length Code	See lanyard length code table												
Contact Style	P = Pin, PC Tail		S = Socket, PC Tail										
Alternate Polarization*	A, B, C, D, E, N = Normal (IAW MIL-DTL-38999 Series III)												



*Refer to Section A for complete details

Lanyard Length Code			
Code	L ±.326 (±.6)	Code	L ±.326 (±.6)
A	4.016 (102.01)	M	10.000 (254.00)
B	4.527 (114.99)	N	10.511 (266.98)
C	5.000 (127.00)	P	11.023 (279.98)
D	5.511 (139.98)	R	11.535 (292.99)
E	6.024 (153.01)	S	12.007 (304.98)
F	6.535 (165.99)	T	12.519 (317.98)
G	7.007 (177.98)	U	13.031 (330.99)
H	7.519 (190.98)	V	14.015 (355.98)
I	7.992 (203.00)	W	15.000 (381.00)
J	8.503 (215.98)	X	16.023 (406.98)
K	9.015 (228.98)	Y	17.007 (431.98)
L	9.527 (241.99)	Z	18.031 (457.99)

NOTES

- Ground plane option only available for insert arrangements where all contacts are shielded type.
- See page 4, figure 2 for inner pin orientation
- Connector 233-260 is commercial equivalent of D38999/29, /30 and /31 type 2
- All contacts, insertion/removal tool and sealing plug to be ordered separately.
- Blue color band indicates rear release retention system
- Dimension B is clearance to accommodate MIL-C-85049 accessories.
- For backshell extender consult factory.
- Connector is designed to mate with Glenair part number 233-217 and 233-224 with same size, same arrangement, and polarization.
- Coax contact mating interfaces in accordance with the following:
 - Size #16 per M39029/76 & /77
 - Size #12 per M39029/102 & /103
 - Size #8 per M39029/50 & /60
- All contacts are crimp and removable
- Material/Finish
 - Shell, coupling sleeve, lanyard ring inner sleeve, lockring: aluminum alloy or CRES/see part number development
 - Contacts: copper alloy / gold plated
 - Insulators: high grade rigid dielectric/ N.A.
 - Seals: fluorosilicone blend / N.A.

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Separation Forces Max		
Shell Size	Straight Pull Pound (Newton)	15 Degree Pull Pound (Newton)
09	44.96 (200)	55.08 (245)
11	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)

Dimensions				
Shell Size	Shell Size Code	A Max	B Min	VV Thread
09	A	1.720 (43.69)	.977 (24.82)	M12 x1-6g- 0.100R
11	B	1.746 (44.35)	1.003 (25.48)	M15 x1-6g- 0.100R
17	C	2.204 (55.98)	1.425 (36.20)	M25 x1-6g- 0.100R
19	D	2.230 (56.64)	1.535 (38.99)	M28 x1-6g- 0.100R
21	E	2.472 (62.79)	1.661 (42.19)	M31 x1-6g- 0.100R
23	F	2.374 (60.30)	1.787 (45.39)	M34 x1-6g- 0.100R
25	G	2.494 (63.35)	1.909 (48.49)	M37 x1-6g- 0.100R

Shielded High-Speed Contact Styles			
Contact Type	Glenair P/N	Ohm	
 Coax (per M39029/59 & /60)	Pin: 852-007 Socket: 852-006	95	
 Differential Twinax	Pin: 853-014 Socket: 853-013 See Note 9	100	
 El Ochito	Pin: 858-003 Socket: 858-004 See Note 9	100	
 Quadrax	Pin: 854-001 Socket: 854-002 See Note 9	100	
 Triax/Concentric Twinax	Pin: 853-003 Socket: 853-004	78	

For complete contact ordering information see Section J

