

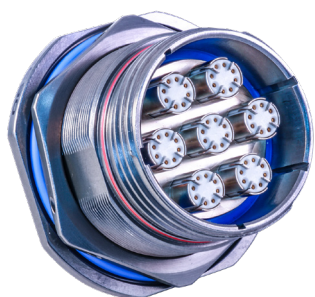
SERIES 23 SUPERNINE

Better-than-QPL SuperNine D38999 Connectors with SpeedMaster™ 10G high-speed contacts



233-270-07 Jam-Nut Bulkhead Feed-Thru Receptacle

SpeedMaster™ Connector Part Number Development								
Sample Part Number	233-270	-07	ME	25	-7	P	N	-3
Series / Basic Part No.	SuperNine Environmental High-Speed connector							
SpeedMaster™ Connector Style	07 = Receptacle, jam-nut mount							
Material/Finish	NF = Cadmium Olive Drab MT = Nickel PTFE Z1 = Passivated ME = Electroless Nickel ZR = Black Zinc Nickel ZL = Electrodeposited Nickel							
Shell Size	11, 19, 21, 25							
Insert Arrangement	See Insert Arrangements Table							
Configuration	P = Pin on jam-nut side S = Socket on jam-nut side							
Polarization	A, B, C, D, E, N = Normal (IAW MIL-DTL-38999 Series III); See Alternate Positions Table							
Panel Thickness	1 = .125 2 = .250 3 = .500							



Insert Arrangements			
11-1	19-3	21-4	25-7

NOTES

- Glenair 233-270 connector is only designed to mate with Glenair 233-219-g6 connector of the same shell size, polarization, and opposite gender.
- Meets the Cat 6a requirements of TIA-568-C.2, Section 6.2

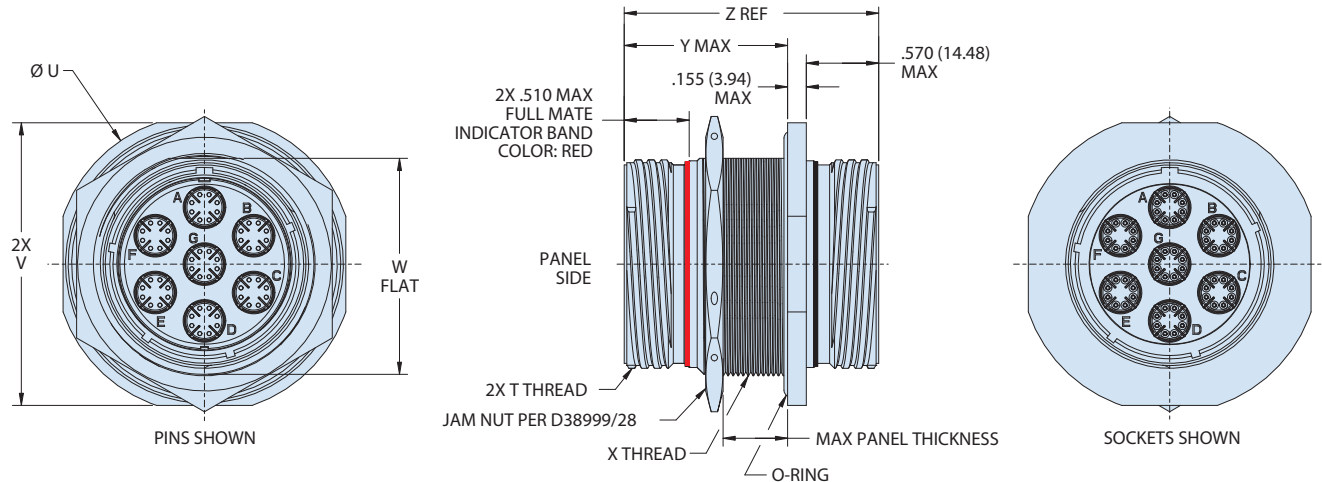
Alternate Positions					
Shell Size	Position Code	A°	B°	C°	D°
11	N	95	141	208	236
	A	113	156	182	292
	B	90	145	195	252
	C	53	156	220	255
	D	119	146	176	298
	E	51	141	184	242
19 21 25	N	80	142	196	293
	A	135	170	200	310
	B	49	169	200	244
	C	66	140	200	257
	D	62	145	180	280
	E	79	153	197	272

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JAM-NUT MOUNT RECEPTACLE



Jam-Nut Dimensions					
Shell Size	T Thread	U	V	W Flat	X Thread
11	.7500-.1P-.3L-TS-2A	1.385 (35.18) 1.363 (34.62)	1.267 (32.18) 1.237 (31.42)	.756 (19.20) .746 (18.95)	M20x1.0-6g 0.100R
19	1.2500-.1P-.3L-TS-2A	1.949 (49.50) 1.925 (48.90)	1.827 (46.41) 1.795 (45.59)	1.316 (33.43) 1.306 (33.17)	M35x1.0-6g 0.100R
21	1.3750-.1P-.3L-TS-2A	2.075 (52.71) 2.051 (52.10)	1.953 (49.61) 1.921 (48.79)	1.441 (36.60) 1.431 (36.35)	M38x1.0-6g 0.100R
25	1.6250-.1P-.3L-TS-2A	2.323 (59.00) 2.299 (58.39)	2.205 (56.01) 2.173 (55.19)	1.691 (42.95) 1.681 (42.70)	M44x1.0-6g 0.100R

Panel Cut-Out		
Diagram showing the panel cut-out dimensions: $\varnothing AA$ (diameter) and BB (flat width).		
Shell Size	AA	BB Flat
11	.835 (21.21) .825 (20.96)	.771 (19.58) .761 (19.33)
19	1.395 (35.43) 1.385 (35.18)	1.335 (33.91) 1.325 (33.65)
21	1.520 (38.61) 1.510 (38.35)	1.460 (37.08) 1.450 (36.83)
25	1.770 (44.96) 1.760 (44.70)	1.710 (43.43) 1.700 (43.18)

Connector Lengths		
Max Panel Thickness	Y Max	$\varnothing$ Ref
.125 (3.18)	0.900 (22.86)	1.595 (40.51)
.250 (6.35)	1.025 (26.03)	1.720 (43.69)
.500 (12.70)	1.275 (32.39)	1.970 (50.04)