



240-032 Pre-Wired Micro-D Filter Connectors Insulated Wire



Glenair Filtered Pigtail Micro-D's provide EMI solutions in a miniaturized M83513 Micro-D connector. These connectors feature ceramic capacitor planar arrays and ferrite inductors. Insulated wire is factory precision-crimped to TwistPin contacts for superior reliability in the most demanding environments.

Choose Pi or C Filter Arrays in eight filter classes and six layouts. Glenair filtered Micro-D connectors comply with applicable MIL-DTL-83513 requirements and are 100% intermateable with standard connectors.

Choose 9 to 37 Contacts, with standard cadmium or nickel plating on the connector housing or choose optional finishes such as gold or chem film.

How To Order Filter Micro-D Connectors with Insulated Wire Pigtails

Sample Part Number	240-032	-2	-25	P	P	B	6	K	1	-18	B
Series	240-032										
Shell Finish	Aluminum Shell Stainless Steel Shell 1 - Cadmium 2 - Nickel 3 - Passivated 4 - Black Anodize 5 - Gold 6 - Chem Film										
Contact Layout	9, 15, 21, 25, 31, 37 (See Table II)										
Contact Type	Solder Cup Contacts for #24 AWG or Smaller Wire P - Pin S - Socket										
Filter Type	C - C Filter P - Pi Filter (See Table I)										
Filter Class	A, B, C, D, E, F, G, J										
Wire Gage (AWG)	4 - #24 6 - #26										
Wire Type	K - M22759/11 600 Vrms Fluoropolymer (TFE) J - M22759/33 600 Vrms Modified Cross-Linked Tefzel® (ETFE)										
Wire Color	1 - White 2 - Yellow 5 - Color-Coded Stripes Per MIL-STD-681 (#24 and #26 gage only) 7 - Ten Color Repeat										
Wire Length Inches	18 wire Length In Inches. "18" Specifies 18 Inches.										
Hardware	B, P, M, M1, S, S1, L, K, H (See Table I)										

Table I: Micro-D Mounting Hardware

B	P	M	M1	S	S1	L	K	H
Thru-Hole Order Hardware Separately	Jackpost Removable Includes Nut and Washer	Jackscrew Hex Head Removable E-ring	Jackscrew Hex Head Removable E-ring Extended	Jackscrew Slot Head Removable E-ring	Jackscrew Slot Head Removable E-ring Extended	Jackscrew Hex Head Non- Removable	Jackscrew Slot Head Non- Removable Extended	Threaded Insert

Dimensions in inches (millimeters) and are subject to change without notice.

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Insulated Wire

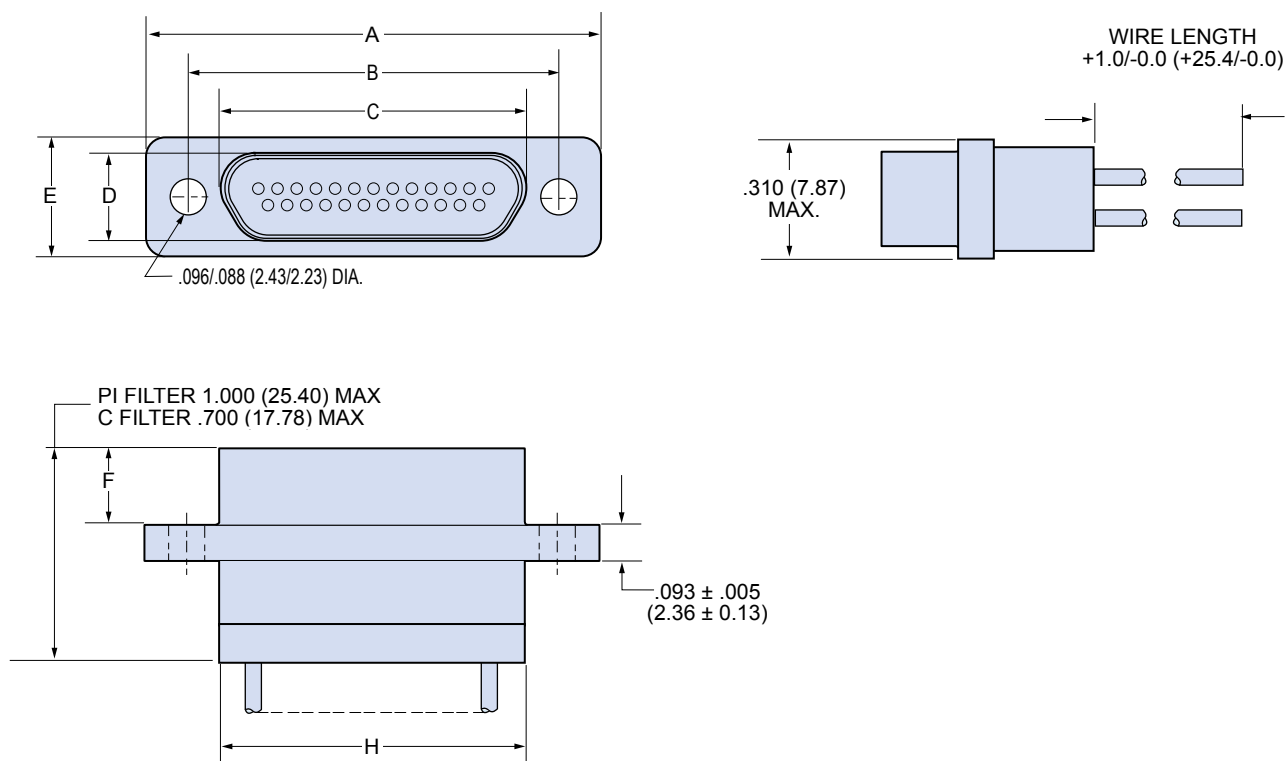


Micro-D
MIL-DTL-83513 Type

Table II: Micro-D Filter Classes and Performance

Filter Class	A	B	C	D	E	F	G	J
Capacitance (pF)								
C Filter	19000-28000	16000-22500	9000-16500	4000-6000	1650-2500	400-650	200-300	35-60
Pi Filter	38000-56000	32000-45000	18000-33000	8000-12000	3300-5000	800-1300	400-600	70-120

Table II: Dimensions



Layout	A Max		B		C Max.		D Max.		E Max.		F		H Max.	
	In.	mm.	In. ± .003	mm. ± 0.08	In.	mm.	In.	mm.	In.	mm.	In. ± .004	mm. ± 0.10	In.	mm.
9P	.785	19.94	.565	14.35	.333	8.46	.184	4.67	.322	8.18	.183	4.65	.400	10.16
9S	.785	19.94	.565	14.35	.400	10.16	.250	6.35	.322	8.18	.195	4.95	.400	10.16
15P	.935	23.75	.715	18.16	.483	12.27	.184	4.67	.322	8.18	.183	4.65	.550	13.97
15S	.935	23.75	.715	18.16	.551	14.00	.250	6.35	.322	8.18	.195	4.95	.550	13.97
21P	1.085	27.56	.865	21.97	.633	16.08	.184	4.67	.322	8.18	.183	4.65	.700	17.78
21S	1.085	27.56	.865	21.97	.701	17.81	.250	6.35	.322	8.18	.195	4.95	.700	17.78
25P	1.185	30.10	.965	24.51	.733	18.62	.184	4.67	.322	8.18	.183	4.65	.800	20.32
25S	1.185	30.10	.965	24.51	.801	20.35	.250	6.35	.322	8.18	.195	4.95	.800	20.32
31P	1.335	33.91	1.115	28.32	.883	22.43	.184	4.67	.322	8.18	.183	4.65	.950	24.13
31S	1.335	33.91	1.115	28.32	.951	24.16	.250	6.35	.322	8.18	.195	4.95	.950	24.13
37P	1.485	37.72	1.265	32.13	1.033	26.24	.184	4.67	.322	8.18	.183	4.65	1.100	27.94
37S	1.485	37.72	1.265	32.13	1.101	27.96	.250	6.35	.322	8.18	.195	4.95	1.100	27.94

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GLENAIR, INC. • 1211 AIR WAY • GLENDALE, CA 91201-2497 • 818-247-6000 • FAX 818-500-9912
www.glenair.com D-15 E-Mail: sales@glenair.com