

# Micro-D Filter Connectors Pre-Wired Pigtails with Insulated Wire



Micro-D  
Filter



**Glenair's 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 seven 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

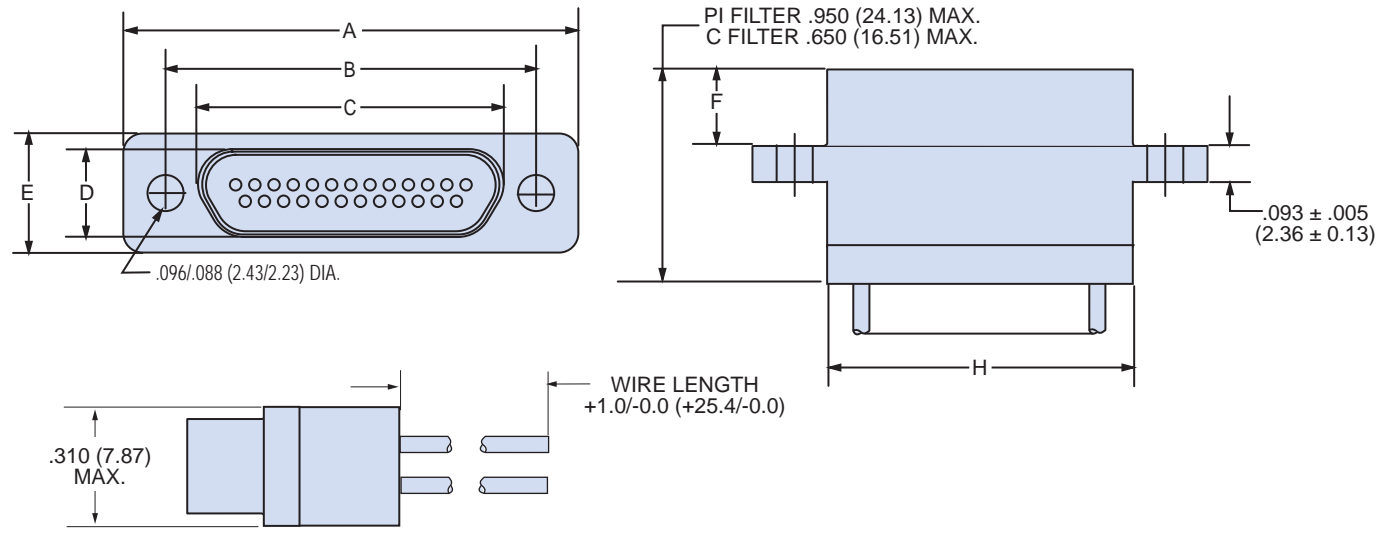
Series	Shell Finish	Number of Contacts	Contact Type	Filter Type	Filter Class	Wire Gage (AWG)	Wire Type	Wire Color	Wire Length Inches	Hardware	
240-032	<b>Aluminum Shell</b>	9	P Pin	C – C Filter	A B C D E F G	4 – #24 6 – #26 8 – #28	K – M22759/11 600 Vrms Teflon® (TFE)	1 – White	18 Wire Length In Inches. "18" Specifies 18 Inches.	B	
		15						S Socket		P – Pi Filter	2 – Yellow
		21	Stainless Steel Shell	3 – Passivated						5 – Color-Coded Stripes Per MIL-STD-681 (#24 and #26 gage only)	M
		25						7 – Ten Color Repeat		M1	
		31								S	
		37								S1	
	<b>Sample Part Number</b>										
	240-032	2	– 25	P	P	B	6	K	1	– 18	B

## MICRO-D MOUNTING HARDWARE

B	P	M	M1	S	S1	L	K	F	R
<b>Thru-Hole</b> Order Hardware Separately	<b>Jackpost</b> Removable Includes Nut and Washer	<b>Jackcrew</b> Hex Head Removable E-ring	<b>Jackcrew</b> Hex Head Removable E-ring Extended	<b>Jackcrew</b> Slot Head Removable E-ring	<b>Jackcrew</b> Slot Head Removable E-ring Extended	<b>Jackcrew</b> Hex Head Non-Removable	<b>Jackcrew</b> Slot Head Non-Removable Extended	<b>Float Mount</b> For Front Panel Mounting	<b>Float Mount</b> For Rear Panel Mounting



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## 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.
<b>9P</b>	.785	19.94	.565	14.35	.333	8.46	.184	4.67	.310	7.87	.183	4.65	.400	10.16
<b>9S</b>	.785	19.94	.565	14.35	.400	10.16	.250	6.35	.310	7.87	.195	4.95	.400	10.16
<b>15P</b>	.935	23.75	.715	18.16	.483	12.27	.184	4.67	.310	7.87	.183	4.65	.550	13.97
<b>15S</b>	.935	23.75	.715	18.16	.551	14.00	.250	6.35	.310	7.87	.195	4.95	.550	13.97
<b>21P</b>	1.085	27.56	.865	21.97	.633	16.08	.184	4.67	.310	7.87	.183	4.65	.700	17.78
<b>21S</b>	1.085	27.56	.865	21.97	.701	17.81	.250	6.35	.310	7.87	.195	4.95	.700	17.78
<b>25P</b>	1.185	30.01	.965	24.51	.733	18.62	.184	4.67	.310	7.87	.183	4.65	.800	20.32
<b>25S</b>	1.185	30.01	.965	24.51	.801	20.35	.250	6.35	.310	7.87	.195	4.95	.800	20.32
<b>31P</b>	1.335	33.91	1.115	28.32	.883	22.43	.184	4.67	.310	7.87	.183	4.65	.950	24.13
<b>31S</b>	1.335	33.91	1.115	28.32	.951	24.16	.250	6.35	.310	7.87	.195	4.95	.950	24.13
<b>37P</b>	1.485	37.72	1.265	32.13	1.033	26.24	.184	4.67	.310	7.87	.183	4.65	1.100	27.94
<b>37S</b>	1.485	37.72	1.265	32.13	1.101	27.96	.250	6.35	.310	7.87	.195	4.95	1.100	27.94