

240-030 Micro-D Filter Connectors Solder Cup



Micro-D
MIL-DTL-83513 Type



Glenair Filtered Solder Cup Micro-D's provide EMI solutions in a miniaturized M83513 type connector. These connectors feature ceramic capacitor planar arrays and ferrite inductors. Solder cups accept #26 thru #30 AWG wire, or specify oversize contacts for #24 gage wire.

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.

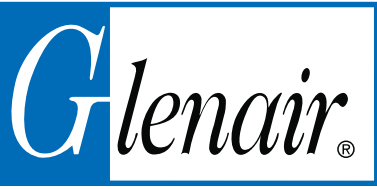
Choose 9 to 37 Contacts, with standard cadmium or nickel plating on the connector housing or choose optional finishes such as gold or chem film.

How To Order Filter Micro-D Connectors with Solder Cups								
Sample Part Number	240-030		-2	-25	P	P	B	B
Series	240-030							
Shell Finish	Aluminum Shell 1 - Cadmium 2 - Nickel 4 - Black Anodize 5 - Gold 6 - Chem Film		Stainless Steel Shell 3 - Passivated					
Contact Layout	9, 15, 21, 25, 31, 37 (See Table III)							
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 II)							
Filter Class	A, B, C, D, E, F, G, J (See Table II)							
Hardware	B, P, M, M1, S, S1, L, K, H (See Table I)							

D

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.

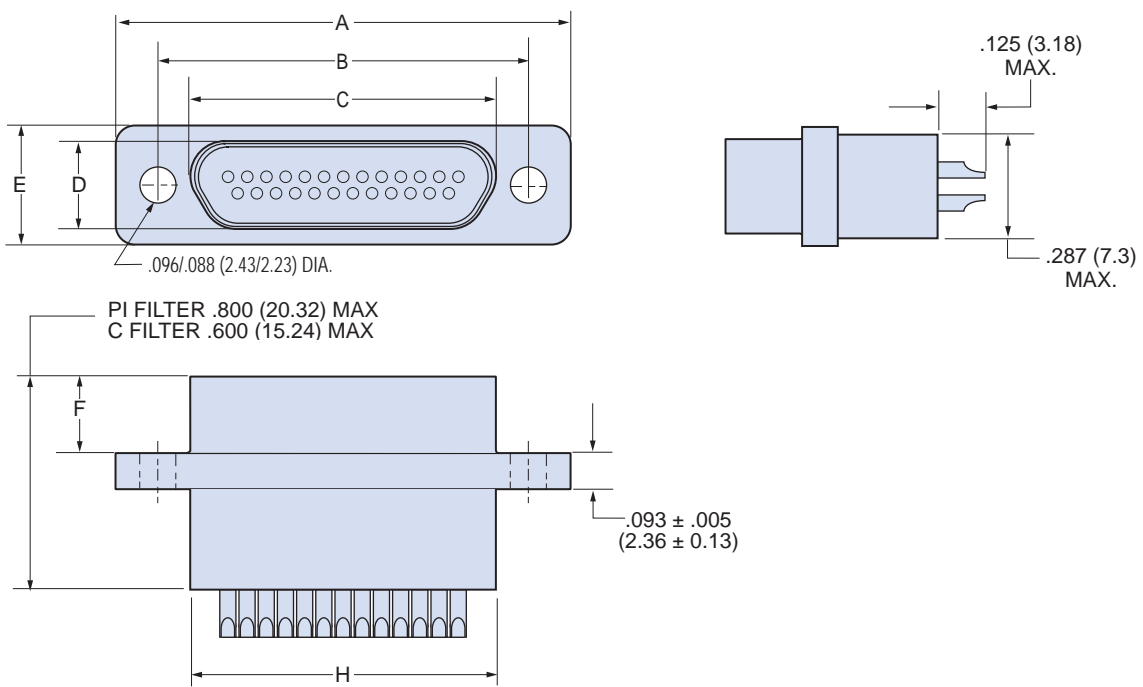


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Table II: Micro-D Filter Classes and Performance

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 III: 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. ± .003	mm. ± 0.08	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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