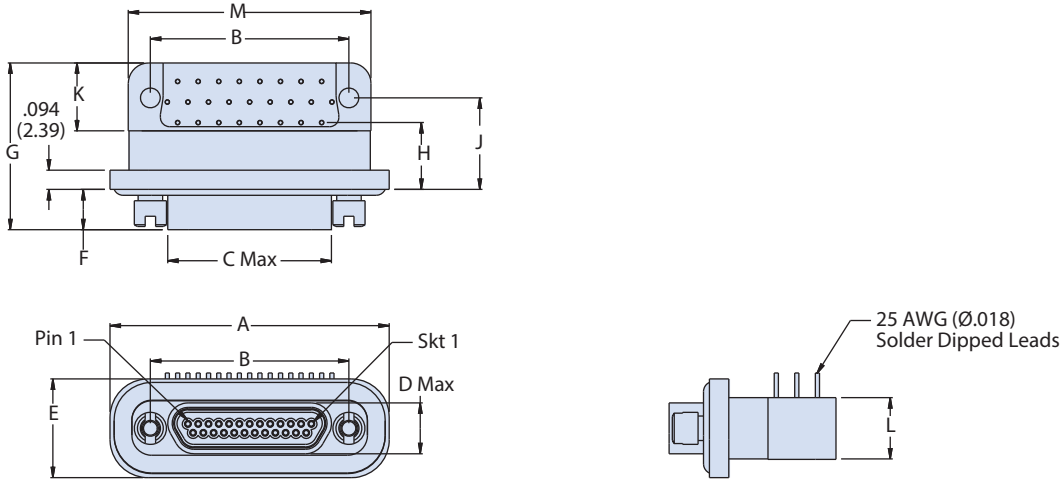


240-078 Rear Panel Mount Micro-D Filter Connectors Condensed Board Right Angle Type



Micro-D
MIL-DTL-83513 Type

Table II: Dimensional Table Dimensional Table



D

Shell Size	A MAX		B ± .003		C MAX		D MAX		E MAX		F ± .004		K MAX		L MAX		M MAX	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
9P	0.965	24.51	0.565	14.35	0.333	8.46	0.184	4.67	0.485	12.32	0.183	4.65	0.335	8.51	.310	7.87	.790	20.07
9S	0.965	24.51	0.565	14.35	0.400	10.16	0.250	6.35	0.485	12.32	0.195	4.95	0.335	8.51	.310	7.87	.790	20.07
15P	1.115	28.32	0.715	18.16	0.483	12.27	0.184	4.67	0.485	12.32	0.183	4.65	0.335	8.51	.310	7.87	.940	23.88
15S	1.115	28.32	0.715	18.16	0.551	14.00	0.250	6.35	0.485	12.32	0.195	4.95	0.335	8.51	.310	7.87	.940	23.88
21P	1.265	32.13	0.865	21.97	0.633	16.08	0.184	4.67	0.485	12.32	0.183	4.65	0.335	8.51	.310	7.87	1.090	27.69
21S	1.265	32.13	0.865	21.97	0.701	17.81	0.250	6.35	0.485	12.32	0.195	4.95	0.335	8.51	.310	7.87	1.090	27.69
25P	1.365	34.67	0.965	24.51	0.733	18.62	0.184	4.67	0.485	12.32	0.183	4.65	0.335	8.51	.310	7.87	1.190	30.23
25S	1.365	34.67	0.965	24.51	0.801	20.35	0.250	6.35	0.485	12.32	0.195	4.95	0.335	8.51	.310	7.87	1.190	30.23
31P	1.515	38.48	1.115	28.32	0.883	22.43	0.184	4.67	0.485	12.32	0.183	4.65	0.430	10.92	.310	7.87	1.340	34.04
31S	1.515	38.48	1.115	28.32	0.951	24.16	0.250	6.35	0.485	12.32	0.195	4.95	0.430	10.92	.310	7.87	1.340	34.04
37P	1.665	42.29	1.265	32.13	1.033	26.24	0.184	4.67	0.485	12.32	0.183	4.65	0.430	10.92	.310	7.87	1.490	37.85
37S	1.665	42.29	1.265	32.13	1.101	27.97	0.250	6.35	0.485	12.32	0.195	4.95	0.430	10.92	.310	7.87	1.490	37.85
51P	1.665	42.29	1.215	30.86	1.033	26.24	0.224	5.69	0.530	13.46	0.183	4.65	0.560	14.22	.394	10.01	1.440	36.58
51S	1.665	42.29	1.215	30.86	1.101	27.97	0.293	7.44	0.530	13.46	0.195	4.95	0.560	14.22	.394	10.01	1.440	36.58

Table I: 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

Notes

- Mounting holes fitted with 2x .086-56 threaded insert, .15 min thread. (T3585-02CPF129).
- Ground spring not available on cadmium plated assemblies.
- Interface dimensions per MIL-DTL-83513.
- Electrical performance:
I.R.: 5000 Megohms min at 100 VDC
D.W.V.: 200 VDC
- Assembly to be identified with Glenair's name, part number, date code, and pin 1 identification.
- See 240-034 for PCB layout

Materials / Finishes:

- Shell - Aluminum Alloy/See Chart
- Insulator - LCP/NA
- Contacts - Copper Alloy/Gold Plated
- Ground Spring - Stainless Steel/Gold Plated
- Socket Interfacial Seal: Fluorosilicone

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

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