



Glenair's 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 seven filter classes and eight layouts. Glenair filtered Micro-D connectors comply with applicable MIL-DTL-83513 requirements and are 100% intermateable with standard connectors.

Choose 9 to 67 Contacts, with standard cadmium or nickel plating on the connector housing or choose optional finishes such as gold or chem film.

240-030
Micro-D Filter Connectors
Solder Cup



TABLE I: SHELL FINISH

SYM	MATERIAL	FINISH DESCRIPTION
1	Aluminum	Cadmium
2	Aluminum	Nickel
5	Aluminum	Gold
6	Aluminum	Chem Film
33	Aluminum	Ni-PTFE 1000 Hour Grey™

TABLE III: CAPACITOR ARRAY CODE
CAPACITANCE RANGE

CLASS	PI - CIRCUIT (pF)	C - CIRCUIT (pF)
A	38,000 - 56,000	19,000 - 28,000
B	32,000 - 45,000	16,000 - 22,500
C	18,000 - 33,000	9,000 - 16,500
D	8,000 - 12,000	4,000 - 6,000
E	3,300 - 5,000	1,650 - 2,500
F	800 - 1,300	400 - 650
G	400 - 600	200 - 300

TABLE II: MICRO-D MOUNTING HARDWARE

B	P	M	M1	S	S1	L	K	F	R
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	Float Mount For Front Panel Mounting	Float Mount For Rear Panel Mounting

MICRO-D FILTER SOLDER CUP DIMENSIONS

Layout	A Max.		B		C Max.		D Max.		F		H Max.	
	In.	mm.	In. ± .003	mm. ± 0.08	In.	mm.	In.	mm.	In. ± .004	mm. ± 0.10	In.	mm.
9P	.785	19.94	.565	14.35	.333	8.46	.184	4.67	.183	4.65	.400	10.16
9S	.785	19.94	.565	14.35	.400	10.16	.250	6.35	.195	4.95	.400	10.16
15P	.935	23.75	.715	18.16	.483	12.27	.184	4.67	.183	4.65	.550	13.97
15S	.935	23.75	.715	18.16	.551	14.00	.250	6.35	.195	4.95	.550	13.97
21P	1.085	27.56	.865	21.97	.633	16.08	.184	4.67	.183	4.65	.700	17.78
21S	1.085	27.56	.865	21.97	.701	17.81	.250	6.35	.195	4.95	.700	17.78
25P	1.185	30.01	.965	24.51	.733	18.62	.184	4.67	.183	4.65	.800	20.32
25S	1.185	30.01	.965	24.51	.801	20.35	.250	6.35	.195	4.95	.800	20.32
31P	1.335	33.91	1.115	28.32	.883	22.43	.184	4.67	.183	4.65	.950	24.13
31S	1.335	33.91	1.115	28.32	.951	24.16	.250	6.35	.195	4.95	.950	24.13
37P	1.485	37.72	1.265	32.13	1.033	26.24	.184	4.67	.183	4.65	1.100	27.94
37S	1.485	37.72	1.265	32.13	1.101	27.96	.250	6.35	.195	4.95	1.100	27.94