

**Avoid Costly Redesign with Micro-D Filter Adapters.**

Upgrade your existing cables and boxes to meet EMI requirements. These pin-socket adapters can be plugged into any standard M83513 connectors. Simply unplug your existing cable, install the filter adapter, and plug the cable into the adapter.

**Availability:** Filter elements in stock. Products ship in two weeks or less. Contact factory for price and delivery.

# 240-033 Micro-D Filter Connectors Pin-Socket In-Line Filter Adapters



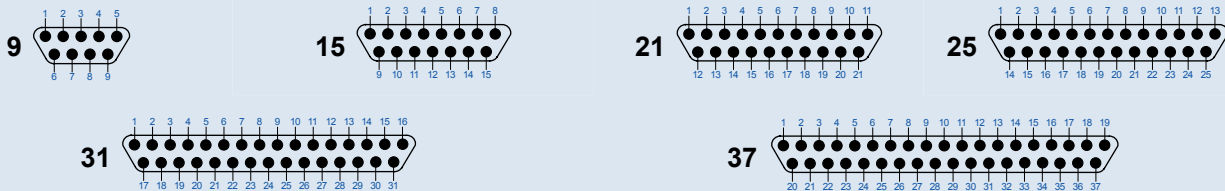
**TABLE I: SHELL FINISH**

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 II: 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

## MICRO-D IN-LINE FILTER ADAPTER CONTACT ARRANGEMENTS



Mating Face View of Pin Connector. Socket connectors have reversed cavity numbers.

## MICRO-D FILTER INLINE DIMENSIONS

Layout	A Max.		B		C Max.		D Max.		E Max.		F		G Max.		H		J Max.		K Max.	
	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
<b>9PS</b>	.785	19.94	.565	14.35	.333	8.46	.250	6.35	.310	7.87	.195	4.95	1.400	35.56	.183	4.65	.333	8.46	.184	4.67
<b>15PS</b>	.935	23.75	.715	18.16	.483	12.27	.250	6.35	.310	7.87	.195	4.95	1.400	35.56	.183	4.65	.483	12.27	.184	4.67
<b>21PS</b>	1.085	27.56	.865	21.97	.633	16.08	.250	6.35	.310	7.87	.195	4.95	1.400	35.56	.183	4.65	.633	16.08	.184	4.67
<b>25PS</b>	1.185	30.01	.965	24.51	.733	18.62	.250	6.35	.310	7.87	.195	4.95	1.400	35.56	.183	4.65	.733	18.62	.184	4.67
<b>31PS</b>	1.335	33.91	1.115	28.32	.883	22.43	.250	6.35	.310	7.87	.195	4.95	1.400	35.56	.183	4.65	.883	22.43	.184	4.67
<b>37PS</b>	1.485	37.72	1.265	32.13	1.033	26.24	.250	6.35	.310	7.87	.195	4.95	1.400	35.56	.183	4.65	1.033	26.24	.184	4.67