

Micro-D Filter Connectors Right Angle Printed Circuit Board



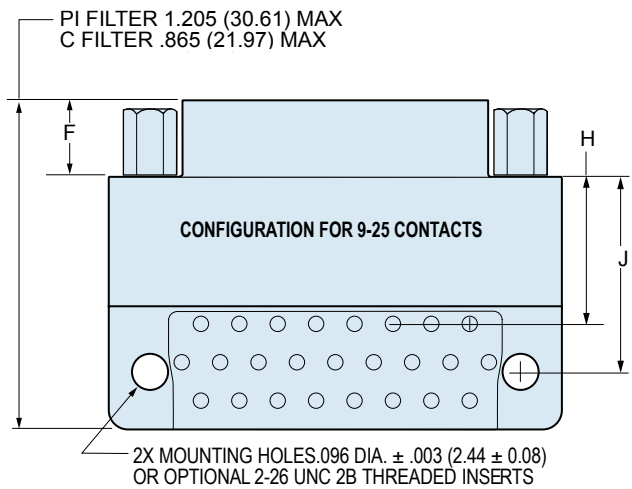
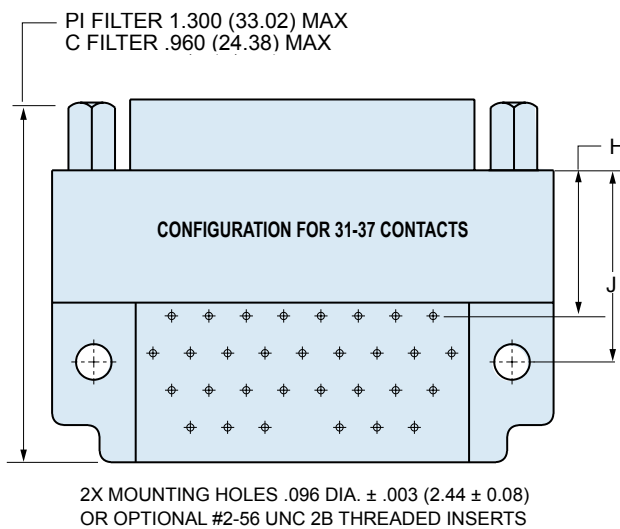
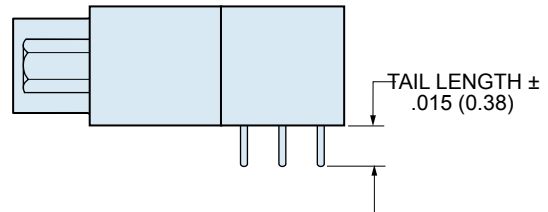
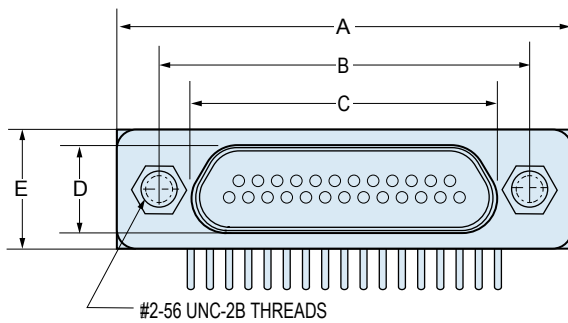
Right Angle Board Mount Filtered Micro-D's. These connectors feature low-pass EMI filtering in a right angle header for PCB termination.

Key Features include gold plated TwistPin contacts, machined aluminum shells, and either Pi or C filter elements. These environmentally sealed connectors are designed to meet the requirements of MIL-DTL-83513.

.100" x .100" Board Spacing – These connectors are similar to “CBR” style Micro-D's and share the same board footprint, allowing retrofit to existing boards.

HOW TO ORDER MICRO-D FILTERED RIGHT ANGLE PCB

Series	Shell Finish	Number of Contacts	Contact Type	Filter Type	Filter Class	Hardware Option	Tail Length		
240-034	1 – Cadmium	9	P Pin	C C Filter	A	NN – No Jackpost, No Threaded Insert	Length in Inches ± .015 (0.38)		
	2 – Nickel	15			B	PN – Jackpost, No Threaded Insert			
	4 – Black Anodize	21			C	NU – Threaded Insert Only, No Jackposts			
	5 – Gold	25	S Socket	P Pi Filter	D	PU – Jackpost and Threaded Insert			
	6 – Chem Film	31			E				
		37			F				
					G				
		Stainless Steel Shell							
		3 – Passivated							
								Rear Panel Jackposts With Threaded Inserts	
						R6U – 0.125" (3.2) Panel			
						R5U – 0.094" (2.4) Panel			
						R4U – 0.062" (1.6) Panel			
						R3U – 0.047" (1.2) Panel			
						R2U – 0.031" (0.8) Panel			
Sample Part Number									
240-034	- 2	- 37	S	P	E	PU	- .080		



DIMENSIONS

Layout	A Max.		B		C Max.		D Max.		E Max.		F		G Max.		C Filter H		C Filter J		Pi Filter H		Pi Filter J	
	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
			$\pm .003$	± 0.08								$\pm .004$	± 0.10			$\pm .010$	± 0.25	$\pm .010$	± 0.25	$\pm .010$	± 0.25	$\pm .010$
9P	.785	19.94	.565	14.35	.333	8.46	.184	4.67	.322	8.18	.183	4.65	.420	10.67	.440	11.18	.460	11.68	.740	18.80	.760	19.30
9S	.785	19.94	.565	14.35	.400	10.16	.250	6.35	.322	8.18	.195	4.95	.420	10.67	.440	11.18	.460	11.68	.740	18.80	.760	19.30
15P	.935	23.75	.715	18.16	.483	12.27	.184	4.67	.322	8.18	.183	4.65	.420	10.67	.340	8.64	.460	11.68	.640	16.26	.760	19.30
15S	.935	23.75	.715	18.16	.551	14.00	.250	6.35	.322	8.18	.195	4.95	.420	10.67	.340	8.64	.460	11.68	.640	16.26	.760	19.30
21P	1.085	27.56	.865	21.97	.633	16.08	.184	4.67	.322	8.18	.183	4.65	.420	10.67	.340	8.64	.460	11.68	.640	16.26	.760	19.30
21S	1.085	27.56	.865	21.97	.701	17.81	.250	6.35	.322	8.18	.195	4.95	.420	10.67	.340	8.64	.460	11.68	.640	16.26	.760	19.30
25P	1.185	30.01	.965	24.51	.733	18.62	.184	4.67	.322	8.18	.183	4.65	.420	10.67	.340	8.64	.460	11.68	.640	16.26	.760	19.30
25S	1.185	30.01	.965	24.51	.801	20.35	.250	6.35	.322	8.18	.195	4.95	.420	10.67	.340	8.64	.460	11.68	.640	16.26	.760	19.30
31P	1.335	33.91	1.115	28.32	.883	22.43	.184	4.67	.322	8.18	.183	4.65	.520	13.21	.340	8.64	.460	11.68	.640	16.26	.760	19.30
31S	1.335	33.91	1.115	28.32	.951	24.16	.250	6.35	.322	8.18	.195	4.95	.520	13.21	.340	8.64	.460	11.68	.640	16.26	.760	19.30
37P	1.485	37.72	1.265	32.13	1.033	26.24	.184	4.67	.322	8.18	.183	4.65	.520	13.21	.340	8.64	.460	11.68	.640	16.26	.760	19.30
37S	1.485	37.72	1.265	32.13	1.101	27.96	.250	6.35	.322	8.18	.195	4.95	.520	13.21	.340	8.64	.460	11.68	.640	16.26	.760	19.30

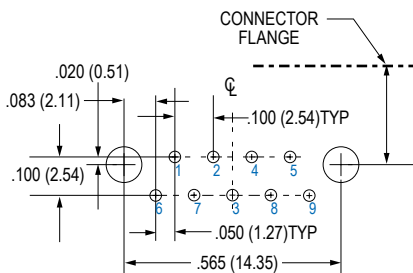
Micro-D Filter Connectors Right Angle Printed Circuit Board



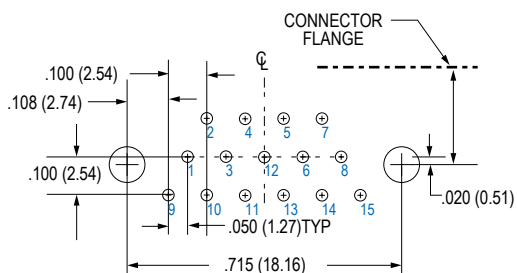
Micro-D
Filter

MICRO-D FILTER RIGHT ANGLE PCB LAYOUTS— PIN CONNECTOR

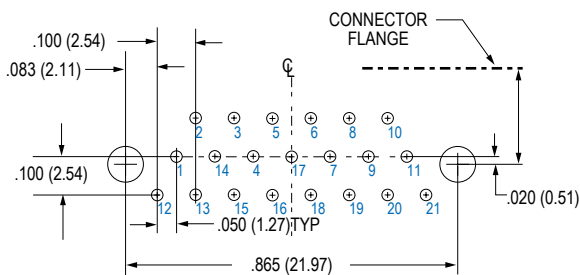
PC Tail Diameter $.018 \pm .002$ (0.46 \pm 0.05)
Contact numbers shown are for pin connectors.
Patterns shown are for connector mounting side of PC board.



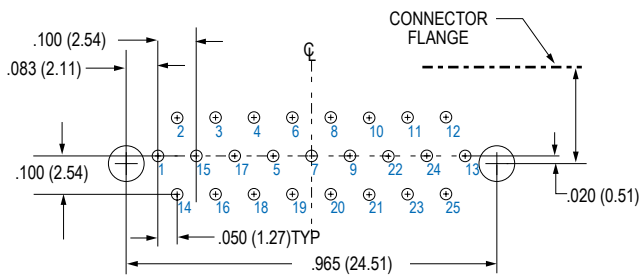
9 Contacts



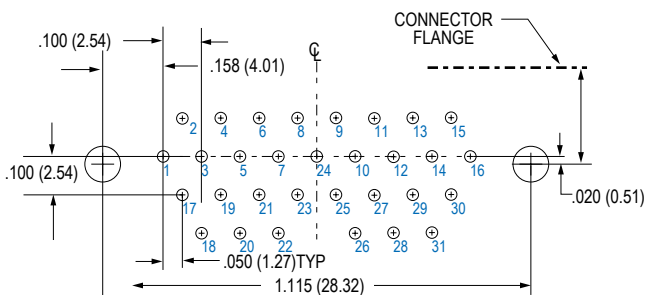
15 Contacts



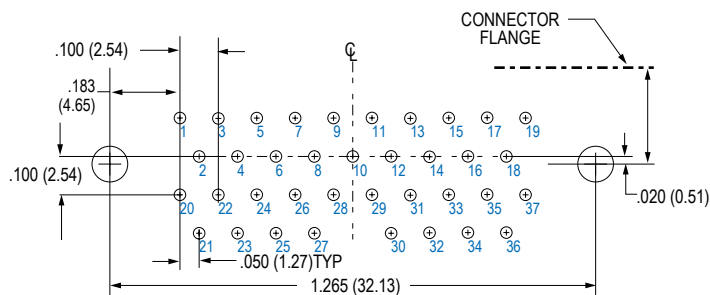
21 Contacts



25 Contacts



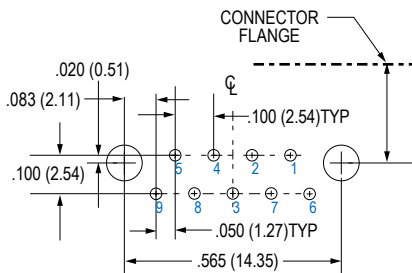
31 Contacts



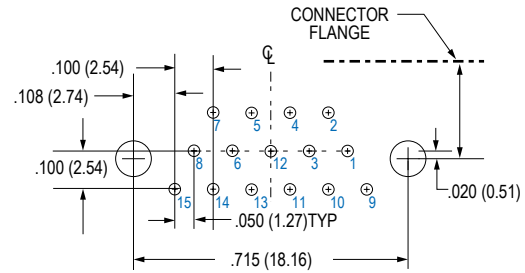
37 Contacts

MICRO-D FILTER RIGHT ANGLE PCB LAYOUTS— SOCKET CONNECTOR

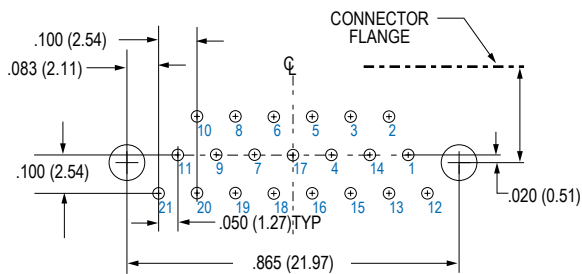
PC Tail Diameter $.018 \pm .002$ (0.46 ± 0.05)
 Contact numbers shown are for socket connectors.
 Patterns shown are for connector mounting side of PC board.



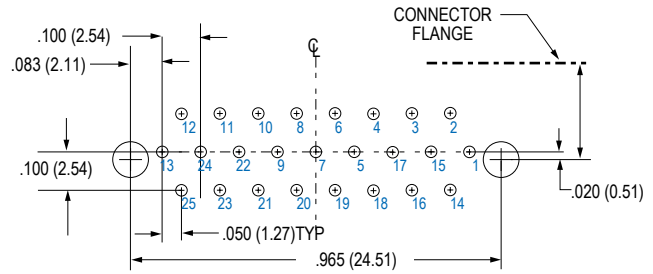
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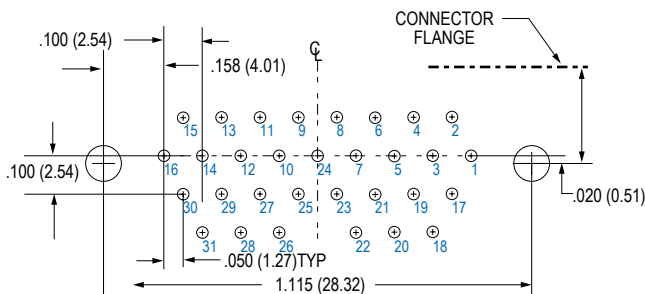
15 Contacts



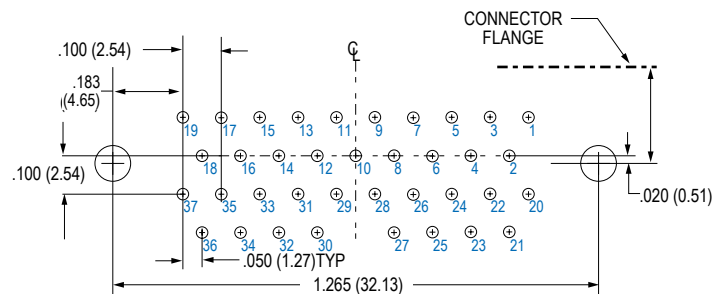
21 Contacts



25 Contacts



31 Contacts



37 Contacts