

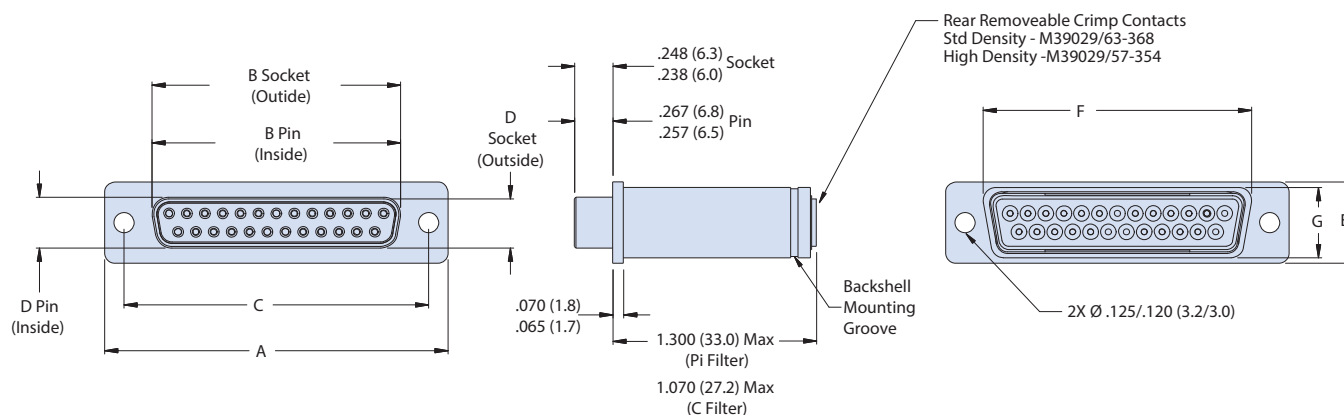


240-083 HiPer-D® Filter Connector with Crimp Removable Contacts

How To Order Filter D-Subminiature Sav-Con® Connector Connectors

Sample Part Number		240-083	-5H78	P	M	P	G	G	B
Series	240-083								
Shell Size/ Insert Arrangement	See Table II								
Contact Type	P - Pin/Plug S - Socket/Receptacle								
Shell Material/Finish	Aluminum Shell ME - Electroless Nickel JF - Yellow Cadmium MT - Nickel-PTFE Z2 - Gold E - Chem Film		Brass Shell GS - Gold						
Filter Type	C - C Filter P - Pi Filter (See Table I)								
Filter Class	A, B, C, D, E, F, G, J (See Table I)								
EMI Spring	G - EMI Spring (Plug/Pin Only) N - No Spring								
Hardware Option	B - No Hardware C - 4-40 Clinch Nut								

E



Notes

- Assembly to be identified with Glenair's name, part number, and date code space permitting
- Dimensions B and D taken from inside of shell for Pin/Plug and outside for Socket/Receptacle.
- Electrical Performance:
Dielectric Withstanding Voltage: 500 VDC
Insulation Resistance: 5,000 megohms @ 200 VDC
Current Rating Standard Density: 7.5 Amps max.
Current Rating High Density: 5 Amps max.
- For front panel mount, use M24308/26 or 289-015 standoffs.
- For rear panel mount, use Glenair 289-015
- Connector is compatible with two-piece HiPer-D backshells.

Materials/Finishes:

Insulators - High Grade Rigid Dielectric / NA
 Contacts - Copper Alloy / Gold Plated
 Wire sealing grommet and pin interfacial seal - Fluorosilicone / NA

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
J	70 - 120	35 - 60

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

240-083
HiPer-D® Filter Connector
with Crimp Removable Contacts



D-Subminiature
MIL-DTL-24308 Type

Table II - Shell Size, Insert Arrangement, Contacts and Dimensions

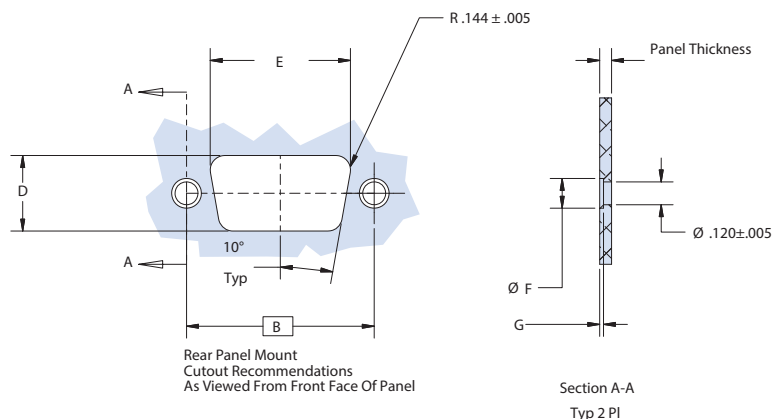
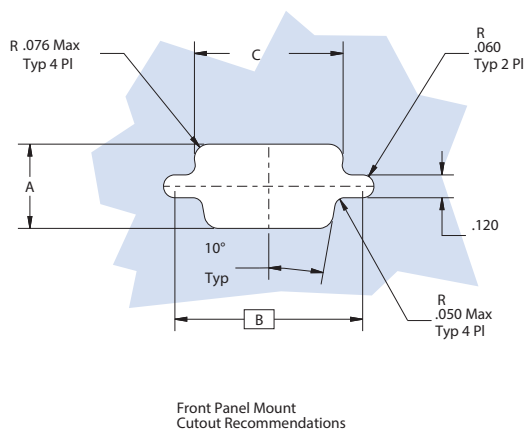
Shell Size - Insert Arrangement	Contact Size	Contact Qty	Shell Size	Contact Type	A ±.015	B ±.005	C ±.005	D ±.005	E ±.015	F Max	G Max
1S9	#20	9	1	pin	1.213 (30.8)	0.666 (16.9)	0.984 (25.0)	0.329 (8.4)	0.494 (12.5)	0.769 (19.5)	0.432 (11.0)
1H15	#22	15		socket	1.213 (30.8)	0.643 (16.3)	0.984 (25.0)	0.311 (7.9)	0.494 (12.5)	0.769 (19.5)	0.432 (11.0)
2S15	#20	15	2	pin	1.541 (39.1)	0.994 (25.2)	1.312 (33.3)	0.329 (8.4)	0.494 (12.5)	1.093 (27.8)	0.432 (11.0)
2H26	#22	26		socket	1.541 (39.1)	0.971 (24.7)	1.312 (33.3)	0.311 (7.9)	0.494 (12.5)	1.093 (27.8)	0.432 (11.0)
3S25	#20	25	3	pin	2.088 (53.0)	1.534 (39.0)	1.852 (47.0)	0.329 (8.4)	0.494 (12.5)	1.635 (41.5)	0.432 (11.0)
3H44	#22	44		socket	2.088 (53.0)	1.511 (38.4)	1.852 (47.0)	0.311 (7.9)	0.494 (12.5)	1.635 (41.5)	0.432 (11.0)
4S37	#20	37	4	pin	2.729 (69.3)	2.182 (55.4)	2.500 (63.5)	0.329 (8.4)	0.494 (12.5)	2.282 (58.0)	0.432 (11.0)
4H62	#22	62		socket	2.729 (69.3)	2.159 (54.8)	2.500 (63.5)	0.311 (7.9)	0.494 (12.5)	2.282 (58.0)	0.432 (11.0)
5S50	#20	50	5	pin	2.635 (66.9)	2.079 (52.8)	2.406 (61.1)	0.441 (11.2)	0.605 (15.4)	2.188 (55.6)	0.544 (13.8)
5H78	#22	78		socket	2.635 (66.9)	2.064 (52.4)	2.406 (61.1)	0.423 (10.7)	0.605 (15.4)	2.188 (55.6)	0.544 (13.8)
6H104	#22	104	6	pin	2.729 (69.3)	2.212 (56.2)	2.500 (63.5)	0.503 (12.8)	0.668 (17.0)	2.312 (58.7)	0.606 (15.4)
				socket	2.729 (69.3)	2.189 (55.6)	2.500 (63.5)	0.486 (12.3)	0.668 (17.0)	2.312 (58.7)	0.606 (15.4)

Table VI - Dimensions

Shell Size	A +.005 -.000	B	C +.005 -.000	D +.005 -.000	E +.005 -.000
1	.450	.984	.787	.409	.746
2	.450	1.312	1.111	.409	1.074
3	.450	1.852	1.653	.409	1.614
4	.450	2.500	2.300	.409	2.262
5	.552	2.406	2.190	.521	2.159
6	.614	2.500	2.315	.583	2.288

Table VII - Panel Dimensions

Panel Code	Panel Thickness	F ± .005	G
R1	.031	N/A	N/A
R2	.047	N/A	N/A
R3	.062	N/A	N/A
R4	.093	.230	N/A
R5	.104	.230	.031
R6	.125	.230	.063
R7	.156	.230	.094



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