

Micro-D Filter Connectors Pre-Wired Pigtails with Insulated Wire



Micro-D
Filter



Glenair's Filtered Pigtail Micro-D's provide EMI solutions in a miniaturized M83513 Micro-D connector. These connectors feature ceramic capacitor planar arrays and ferrite inductors. Insulated wire is factory precision-crimped to TwistPin contacts for superior reliability in the most demanding environments.

Choose Pi or C Filter Arrays in seven filter classes and six layouts. Glenair filtered Micro-D connectors comply with applicable MIL-DTL-83513 requirements and are 100% intermateable with standard connectors.

Choose 9 to 37 Contacts, with standard cadmium or nickel plating on the connector housing or choose optional finishes such as gold or chem film.

HOW TO ORDER FILTER MICRO-D CONNECTORS WITH INSULATED WIRE PIGTAILS

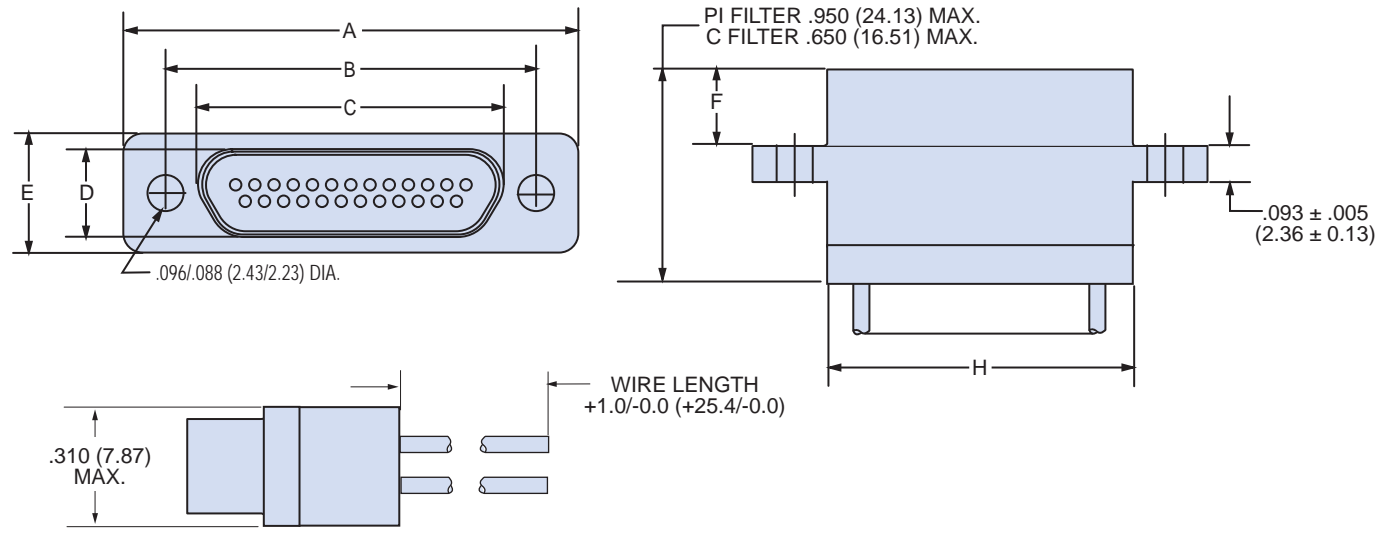
| Series | Shell Finish | Number of Contacts | Contact Type | Filter Type | Filter Class | Wire Gage (AWG) | Wire Type | Wire Color | Wire Length Inches | Hardware | | |
|---------------------------|------------------------------|--------------------|--------------|--------------|---------------------------------|-------------------------------|--|---|--|-------------|---------------|---|
| 240-032 | Aluminum Shell | 9 | P Pin | C – C Filter | A B C D E F G | 4 – #24 6 – #26 8 – #28 | K – M22759/11 600 Vrms Teflon® (TFE) J – M22759/33 600 Vrms Modified Cross-Linked Tefzel® (ETFE) | 1 – White 2 – Yellow 5 – Color-Coded Stripes Per MIL-STD-681 (#24 and #26 gage only) 7 – Ten Color Repeat | 18 Wire Length In Inches. *18" Specifies 18 Inches. | B | | |
| | | 15 | | | | | | | | S Socket | P – Pi Filter | P |
| | | 21 | M | | | | | | | | | |
| | | 25 | M1 | | | | | | | | | |
| | | 31 | S | | | | | | | | | |
| | | 37 | S1 | | | | | | | | | |
| | Stainless Steel Shell | 3 – Passivated | | | | | | | | | L | |
| | | | | | | | | | | | | K |
| | | | | | | | | | | | | F |
| | | | | | | | | | | | | R |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Sample Part Number | | | | | | | | | | | | |
| 240-032 | 2 | – 25 | P | P | B | 6 | K | 1 | – 18 | B | | |

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 |



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F

DIMENSIONS

| Layout | A Max. | | B | | C Max. | | D Max. | | E Max. | | F | | H Max. | |
|--------|--------|-------|------------|------------|--------|-------|--------|------|--------|------|------------|------------|--------|-------|
| | In. | mm. | In. ± .003 | mm. ± 0.08 | In. | mm. | In. | mm. | In. | mm. | In. ± .004 | mm. ± 0.10 | In. | mm. |
| 9P | .785 | 19.94 | .565 | 14.35 | .333 | 8.46 | .184 | 4.67 | .310 | 7.87 | .183 | 4.65 | .400 | 10.16 |
| 9S | .785 | 19.94 | .565 | 14.35 | .400 | 10.16 | .250 | 6.35 | .310 | 7.87 | .195 | 4.95 | .400 | 10.16 |
| 15P | .935 | 23.75 | .715 | 18.16 | .483 | 12.27 | .184 | 4.67 | .310 | 7.87 | .183 | 4.65 | .550 | 13.97 |
| 15S | .935 | 23.75 | .715 | 18.16 | .551 | 14.00 | .250 | 6.35 | .310 | 7.87 | .195 | 4.95 | .550 | 13.97 |
| 21P | 1.085 | 27.56 | .865 | 21.97 | .633 | 16.08 | .184 | 4.67 | .310 | 7.87 | .183 | 4.65 | .700 | 17.78 |
| 21S | 1.085 | 27.56 | .865 | 21.97 | .701 | 17.81 | .250 | 6.35 | .310 | 7.87 | .195 | 4.95 | .700 | 17.78 |
| 25P | 1.185 | 30.01 | .965 | 24.51 | .733 | 18.62 | .184 | 4.67 | .310 | 7.87 | .183 | 4.65 | .800 | 20.32 |
| 25S | 1.185 | 30.01 | .965 | 24.51 | .801 | 20.35 | .250 | 6.35 | .310 | 7.87 | .195 | 4.95 | .800 | 20.32 |
| 31P | 1.335 | 33.91 | 1.115 | 28.32 | .883 | 22.43 | .184 | 4.67 | .310 | 7.87 | .183 | 4.65 | .950 | 24.13 |
| 31S | 1.335 | 33.91 | 1.115 | 28.32 | .951 | 24.16 | .250 | 6.35 | .310 | 7.87 | .195 | 4.95 | .950 | 24.13 |
| 37P | 1.485 | 37.72 | 1.265 | 32.13 | 1.033 | 26.24 | .184 | 4.67 | .310 | 7.87 | .183 | 4.65 | 1.100 | 27.94 |
| 37S | 1.485 | 37.72 | 1.265 | 32.13 | 1.101 | 27.96 | .250 | 6.35 | .310 | 7.87 | .195 | 4.95 | 1.100 | 27.94 |