

Hardware Option

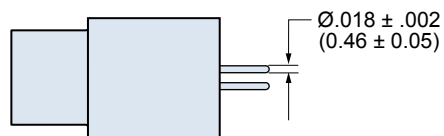
NN - No Jackpost, No Threaded Insert
PN - Extended Jackpost for .062" (1.6) PCB, No Threaded Insert
RN - Extended Jackpost for .196" (5.0) PCB, No Threaded Insert
NU - Threaded Insert Only, No Jackposts
PU - Short Jackpost and Threaded Insert

Rear Panel Jackposts with Threaded Insert:

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

Jack screw Options:

M - Hex Head Jackscrews
S - Slot Head Jackscrews



Printed Circuit Board Micro-D Filter Connectors. These vertical mount PCB connectors are ideal for flexible circuit or motherboard applications.

Integral Board Standoffs and Pre-Tinned Tails—These connectors are solder dipped (63/37 SnPb) and feature a full complement of mounting hardware options.

240-031
Micro-D Filter Connectors
Vertical Mount Printed Circuit Board



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 FILTER PIGTAIL DIMENSIONS

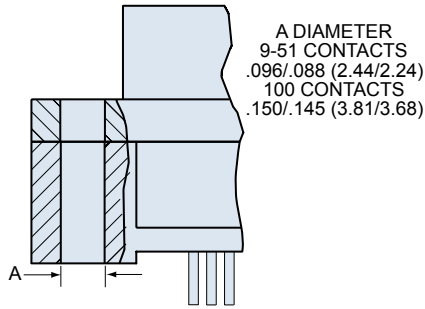
| Layout | A Max. | | B | | C Max. | | D Max. | | E Max. | | F | |
|------------|--------|-------|------------|------------|--------|-------|--------|------|--------|------|------------|------------|
| | In. | mm. | In. ± .003 | mm. ± 0.08 | In. | mm. | In. | mm. | In. | mm. | In. ± .004 | mm. ± 0.10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



240-031
Micro-D Filter Connectors
Vertical Mount PCB Hardware Options

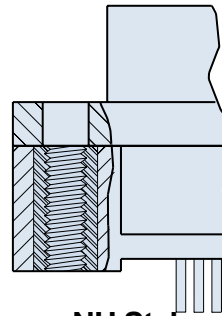
Connector Supplied Without Hardware

Connector Supplied With Threaded Inserts



A DIAMETER
9-51 CONTACTS
.096/ .088 (2.44/2.24)
100 CONTACTS
.150/ .145 (3.81/3.68)

NN Style
Thru-Hole, No Hardware

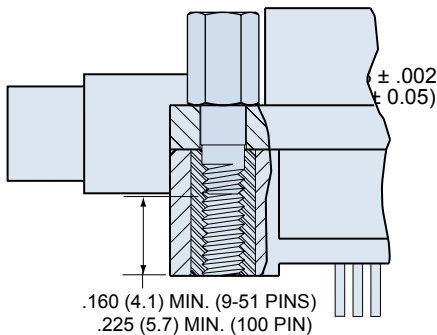


9-51 CONTACTS
NO. 2-56 UNC-2B
100 CONTACTS
NO. 4-40 UNC-2B

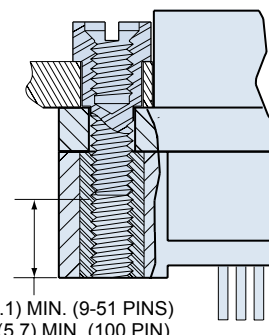
NU Style
Threaded Insert

Jackpost and Threaded Insert

Rear Panel Jackpost and Threaded Insert



PU Style
Jackpost with Threaded Insert

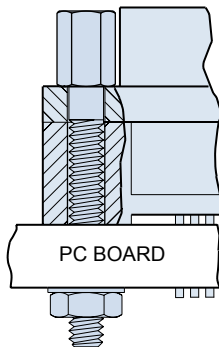


RU Style
Rear Panel Jackpost with Threaded Insert

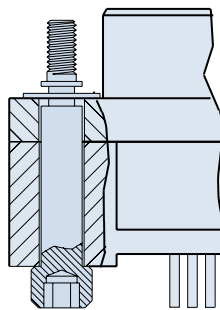
Extended Jackpost

Jackscrew, Hex

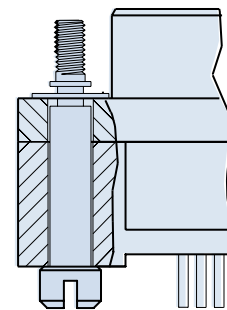
Jackscrew, Slot



PN Style for .062" PCB
RN Style for .196" PCB



M Style
Hex Head Jackscrew with E-Ring

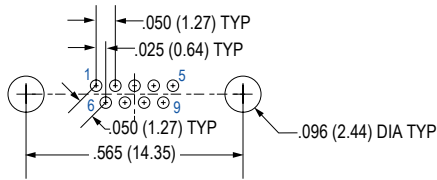


S Style
Slot Head Jackscrew with E-Ring

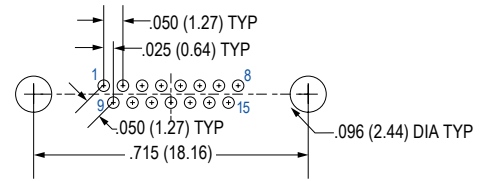
240-031
Micro-D Filter Connectors
Vertical Mount PCB Pin Connector Layouts



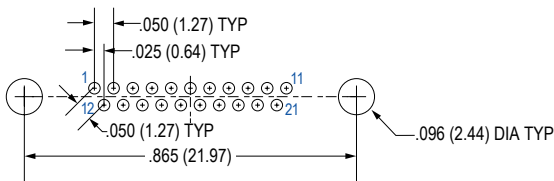
PC Tail Diameter .018 ± .002 (0.46 ± 0.05)
Contact numbers shown are for pin connectors. Reverse for socket.



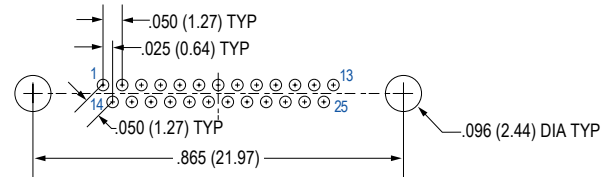
9 Contacts



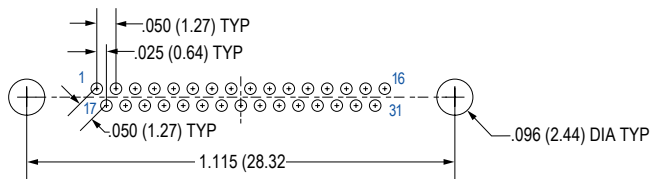
15 Contacts



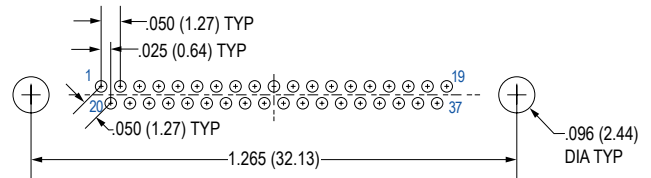
21 Contacts



25 Contacts



31 Contacts



37 Contacts

