

ADVANCED -
PERFORMANCE
MIL - AERO
CONNECTORS

FILTER
EMI EMP EMI / EMP Filter
CONNECTORS connectors



A full range of filter connectors for use in EMC/EMP management of electronic systems and interconnect cabling

- Planar, multilayer ceramic capacitive filters, with and without transient voltage suppression diodes
- C and Pi electrical configurations
- PC tail, crimp or solder cup termination
- 35 – 240,000 pF capacitance
- Fast and reliable diode burn-in and test services
- Turnkey in-house manufacturing of all filter connector elements and processes

Table I: Capacitor Array Code / Capacitance Range

Class	Pi - Circuit (pF)	C - Circuit (pF)
X	160,000 - 240,000	80,000 - 120,000
Y	80,000 - 120,000	40,000 - 60,000
Z	60,000 - 90,000	30,000 - 45,000
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

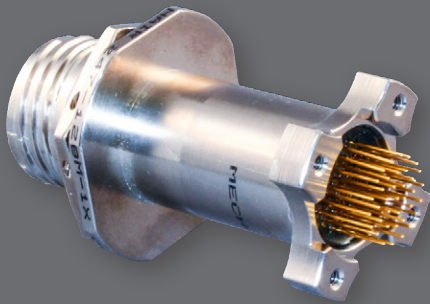


ARINC 600 size 2 filter connector. Glenair also manufactures narrow-profile size 1 and double-wide size 3. All configurations are environmentally sealed for rugged airframe applications.

SERIES 240
EMI/EMP Filter connectors



Innovative designs · total vertical integration



Extended-shell
PC-tail cylindrical with
threaded standoff



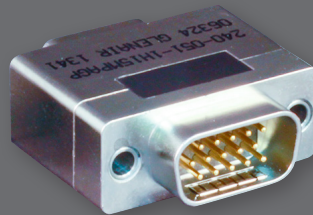
Special-purpose
filter connector cable
adapter



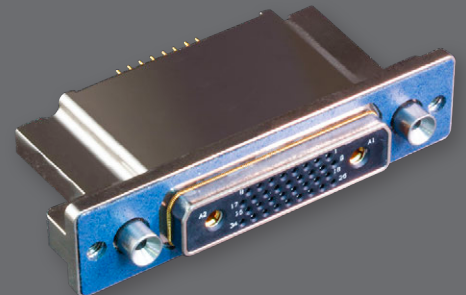
Series 80 Mighty Mouse
PC-tail filter receptacle



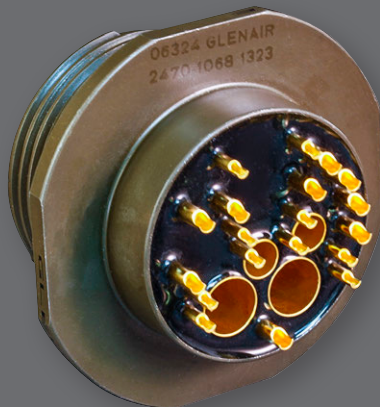
MIL-DTL-83513 type
micro-D filter connector



MIL-DTL-24308 type
D-sub filter connector



Series 79 Micro-Crimp
filter connector



MIL-STD-1760 filtered
umbilical connector



Filter plug with
crimp contacts



MIL-DTL-38999 series III type
EMP transient-voltage diode-
equipped connector