



## SERIES 240-806

# EMI/EMP Filter Connectors



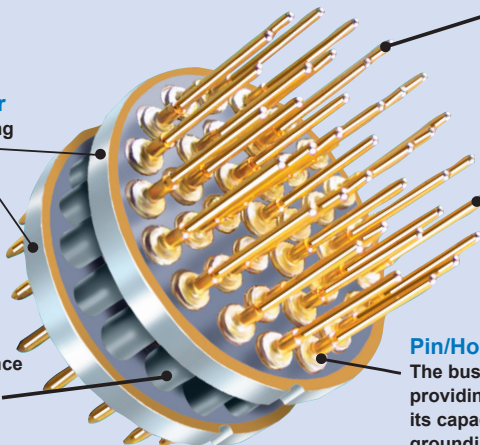
Glenair Series 806 filter connectors for use in EMC/EMP management of electronic systems and interconnect cabling. 806 filter connectors are designed in accordance with applicable connector specifications, and are designed to mate with plugs with the same insert configuration and opposite contact gender. Planar filter arrays and TVS diodes may be integrated into both standard catalog as well as build-to-order configurations. Glenair's state-of-the-art diode burn-in process tests leaded and surface mount diodes with leakage current monitored throughout the entire test procedure ensuring field reliability.

- Planar, multilayer ceramic capacitive filters, with and without transient voltage suppression diodes
- C and Pi electrical configurations
- PC tail or solder cup wire 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

### Filter Module Elements

**Multilayer Ceramic Planar Array:** Containing a network of capacitors, feedthrus and ground lines.

**Inductors:** Ferrite Beads to provide inductance and increase insertion loss



**Contact Types:** Choose from Solder Cup or PC Tail (Consult Factory for PC Tail Length Options).

**Contact Material:** Gold Plated Copper Alloy.

**Pin/Hole Intersection:** The business-end of the filter, providing each contact with its capacitance value and grounding.

### Filter Types

- C** Single capacitor with low self inductance
- LC, CL** Single capacitor combined with an inductive element
- Pi** Dual capacitors with a single inductive element positioned between.

