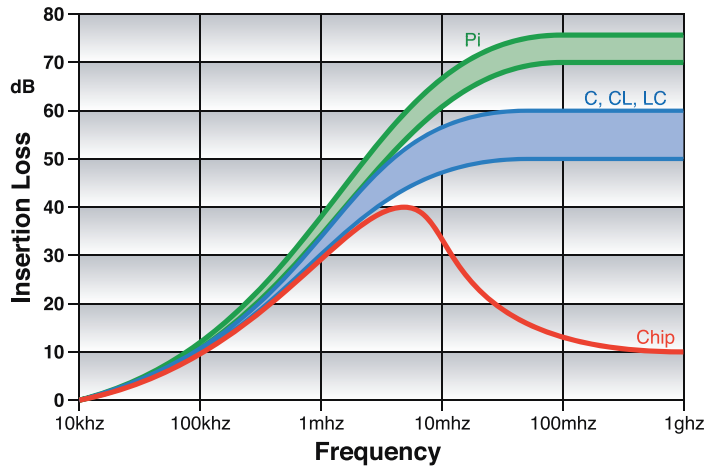


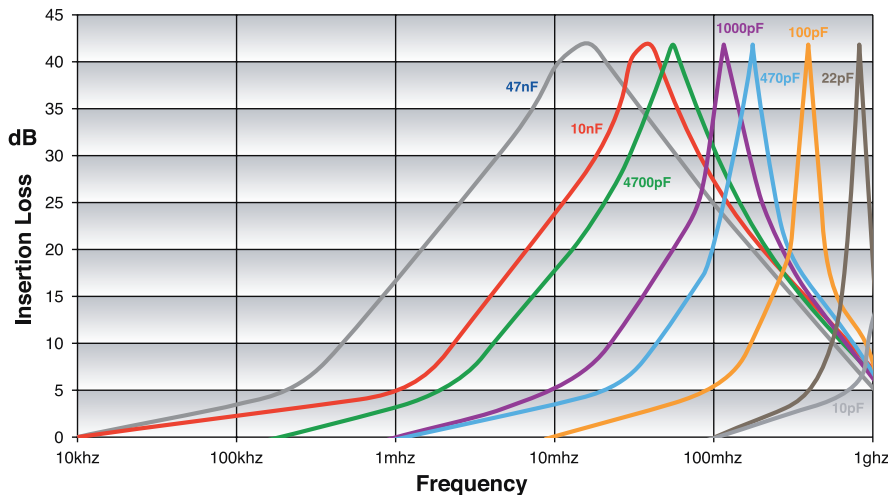
Types of Filtered Connectors and Their Performance



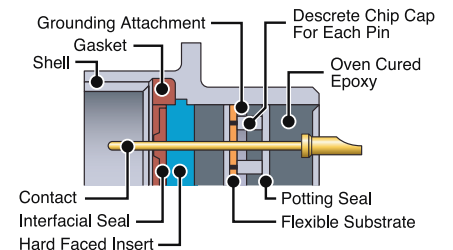
	Capacitance Options	Filter Performance
Chip Capacitor	3 pF – 47,000 pF+	>40 dB
Discoidal Capacitor (C)	470 pF – 40,000 pF+	50 – 60 dB
Planar Array (CL & LC)	100 pF – 1 uF+	50 – 60 dB
Pi with Planar Arrays	100 pF – 1 uF+	70+ dB
Pi Tubes	47 pF – 12,000 pF	70+ dB



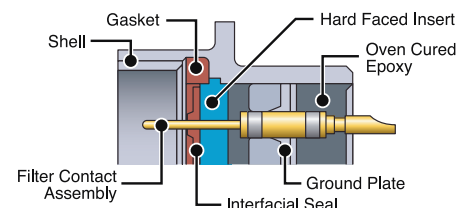
Chip Capacitor Filter Performance



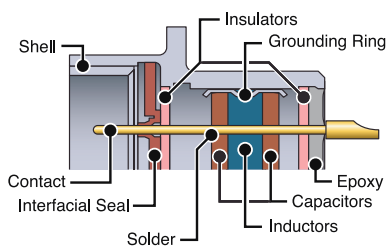
Chip Cap Assembly



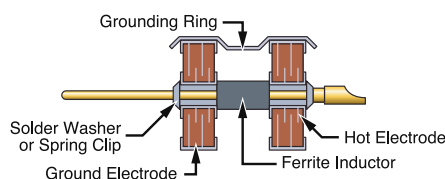
Pi Tube Assembly



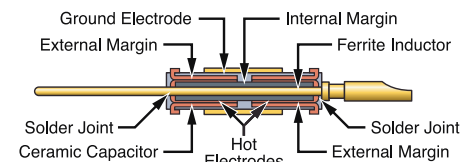
Pi Filter Construction with Planar Array



Pi Type Planar Array Assembly



Pi Tube Contact Assembly



Chip Capacitor Filtering

- 40+ dB Insertion Loss
- Quick Turn
- Lowest Cost Option
- Limited High Frequency Performance

Termination Options:

- Solder Cup
- PC Tail
- Wired terminations

C, C-L or L-C Filtering

- Built with Chip Caps, Discoidals, Planars or C Tubes
- 45 - 60 dB Insertion Loss
- Good Broad Spectrum Filter Performance

Other Options:

- Custom versions available including the ability to define the Filtering on a Pin by Pin basis to help eliminate as much noise as possible from your system
- Combination of filtering and transient suppression components available
- Custom applications and Filter Modules available to meet your special requirements

Pi Filtering

- Built with Pi Tubes, Discoidal or Planar Arrays
- Provides C-L-C Component Configuration
- Highest Performance: 70+ dB Insertion Loss
- Very Good High Frequency Performance