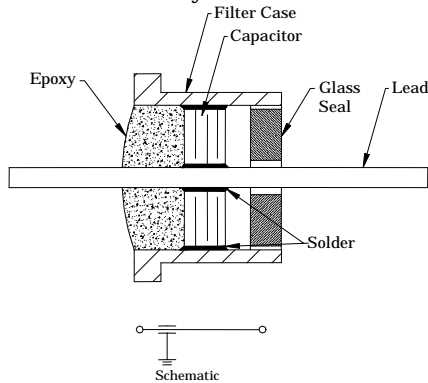


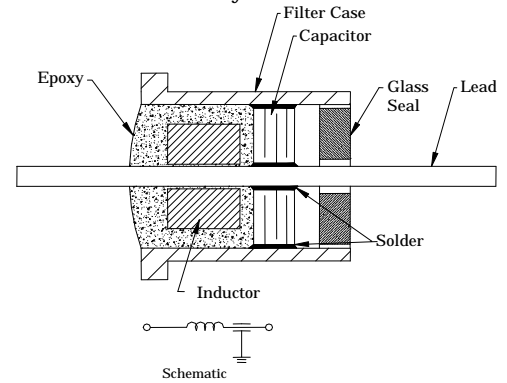
EMI FILTERS "C" AND "L" TYPE

EYELET

Hermetic Seal Eyelet C-Section Filter



Hermetic Seal Eyelet L-Section Filter



FEATURES:

- Equivalent to MIL-F-28861/12 through /15.
- Hermetically sealed at one end, epoxy at opposite.
- Miniature size for optimum use of design space.
- Wide capacitance/voltage range.
- High capacitance per unit volume.
- Tin, gold, or silver plating.

APPLICATIONS:

The feed-thru type of "C" section eyelet style filters are designed for solder-in bulkhead mounting to suppress conducted interference on DC bias lines for RF oscillator and amplifier circuitry. These units are hermetically sealed (glass to metal) at one end and epoxy sealed at the other end. A feed-thru filter consists of a single capacitive element and is best suited for high source and load impedance systems when a moderate attenuation slope of 20db/decade satisfies system insertion loss requirements.

The eyelet style "L" section filter offers the designer an option of having either high impedance or low impedance input depending on the orientation of the filter in the circuit. It is commonly used with an inductor (ferrite bead) facing either low impedance source or low impedance load in order to create the impedance mismatch which would produce the best insertion loss results. Effective filtering starts below 300 KHz and continues through 10 GHz.

