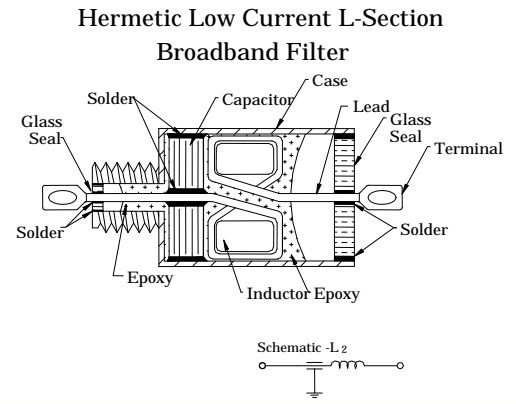
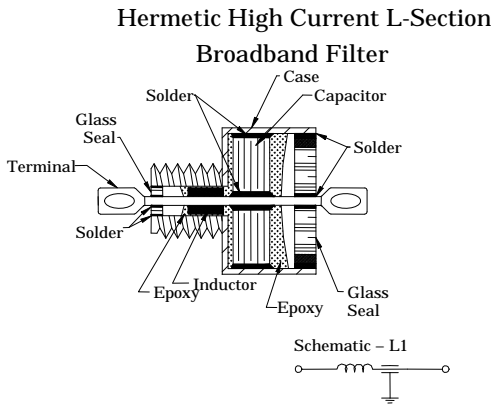


EMI FILTERS

"L" TYPE



FEATURES:

- QPL to MIL-F-28861/2.
- Designed to meet or exceed MIL-F-15733 requirements.
- Hermetically sealed components.
- Variety of capacitance and inductance values.
- Extremely reliable.
- All hardware supplied.

APPLICATIONS:

An "L" style filter is a two element filtering device consisting of a capacitor and an inductor. The inductive element is a wound toroidal inductor for applications up to 5 amps. For higher current applications ferrite beads are used. This type of filter will provide the user with approximately 40dB/decade insertion loss performance over the frequency range of 30 KHz to 10 GHz. An "L" section is designed for use in an unbalanced system where either low source or low load impedance exists. The orientation of the inductive end of the filter in the circuit is essential for the best insertion loss results. The rule of thumb is to have the inductor facing either low source or low load impedance (typically less than 10.) to create optimum impedance mismatch between the circuit and the filter. To facilitate this task, each "L" section can be ordered with the capacitor at the threaded end (L2) or the inductor at the threaded end (L1).

