

Custom Specials

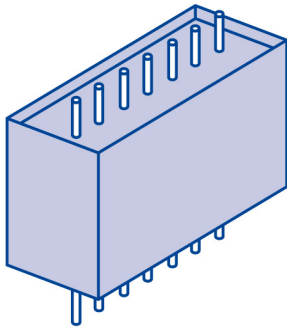
The vast majority of filters manufactured are customised to meet the specific requirements of individual customers. Syfer offer the option to manufacture to a customer specification or to work together with the customer to develop a solution to the problem.

If standard designs have been used for prototypes or initial production, please talk to us about modifying the package to suit your requirements to improve cost and ease assembly. Prototypes can be arranged quickly and in small quantities to solve particular problems.

Typical customisations include:

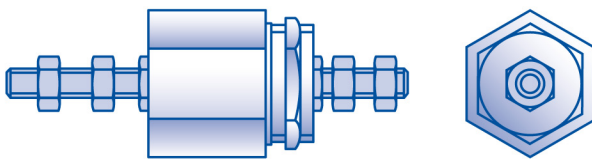
Multi-way packaging

Installing the capacitive and inductive elements of the catalogue filters in a multi-way housing saves space and cost as well as speeding the customers assembly into the bulkhead. Typical packages would be 2, 4 or 8 feedthrough filters to a single housing, but more can be accommodated.



Different housing design

Special designs are available to suit any particular customer requirement. All standard filters are designed with round bodies and a single, large mounting nut as the optimum combination of cost and ease of mounting. Typical changes include full hexagonal bodies to enable fitting in tight spaces, or bodies with multiple mounting locations for critical vibration.



Other options

- Standard circuit configurations are C and Pi filters, but L-C, C-L, T and multi-element (e.g. L-C-L-C-L) filters can all be considered to suit particular applications.
- Alternative materials can be considered – eg Polypropylene or PPS plastic films can be used to offer low dielectric losses or higher operating temperatures. Pure copper conductors can be used to improve the current carrying capacity or self heating effect.
- Higher working voltages (to 1000Vdc typical) and higher current carrying capacities (to 300A typical) are available.

