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**The Cavity J-Series Filters are supplied with an
Universal Mounting Provision**

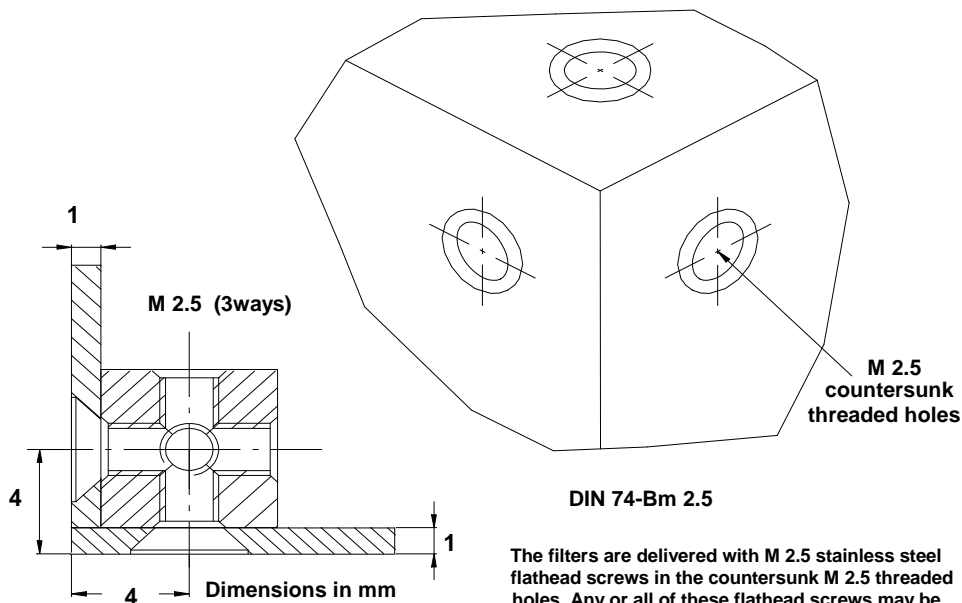
**Mechanical
Information
U M P - 2**

At least four sides of such filters have four countersunk threaded holes each, with M2.5 flathead screws, located in the corners, 4 mm from the edges, **max. 3 mm deep**. Any or all of these flathead screws may be removed and the threaded holes used to attach the filter to a front panel, to a chassis, with brackets, etc. Also, heat sinks can be attached to the filters in this way. That may be desirable if the filter handles high power or has to operate in a high temperature environment.

The screws used to mount the filter must have a side play. Do **NOT use countersunk screws for external attachment !**

Mounting the filter this way will not normally affect the filter performance. However, **it is strongly recommended that the filter is attached only with ONE side**. Mounting in a corner (on two sides) may cause undesired effects - such like frequency drift.

In very narrow and very steep **NOTCH FILTERS** mounting may cause a slight change of frequency. Unequal stresses or twisting should be avoided. If necessary, such very small change can be corrected by very careful re-adjustments of each resonator while observing the response on a network analyzer. We are happy to assist you if you experience difficulties.



The filters are delivered with M 2.5 stainless steel flathead screws in the countersunk M 2.5 threaded holes. Any or all of these flathead screws may be removed and the threaded holes used to attach the filter to a front panel, a chassis, with brackets, etc.