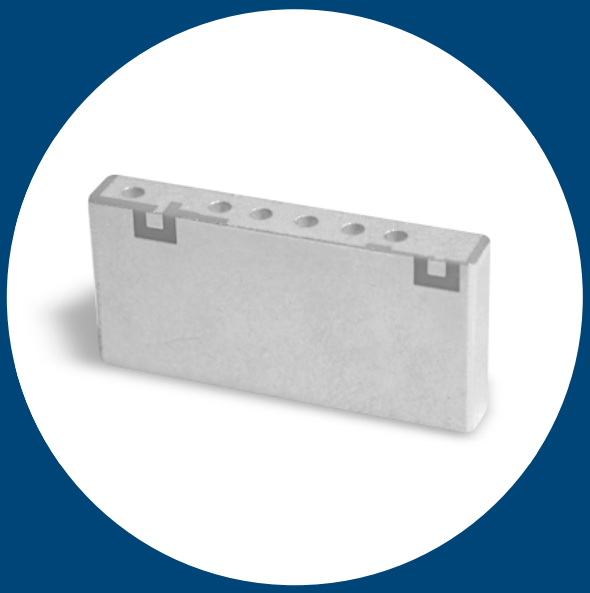
Ceramic Monoblock Bandpass Filter

CTS WIRELESS COMPONENTS

Model KFF6168A Technical Data

Features:

- Small Size
- High Performance
- SMD



Description and Applications:

This 6 pole monoblock filter is primarily designed for trunking applications at 814 MHz.

Electrical Specifications

Parameters	Frequency	Specifications @ 25° C
Insertion Loss	804 MHz to 824 MHz	2.7 dB max.
Forward Return Loss		11.0 dB min.
Attenuation	850 MHz to 870 MHz	44.0 dB min.
Power Rating		1W
Impedance		50Ω

NOTE: Supplier shall test each filter to the critical electrical specifications listed above or better. Any subsequent audits may deviate due to measurement repeatability among different test systems. Such deviations shall not exceed the following limits:

Specification	Typical Allowance
Insertion Loss	0.1dB
Return Loss	1.0dB
Stopbands	1.0dB

Rev. 0

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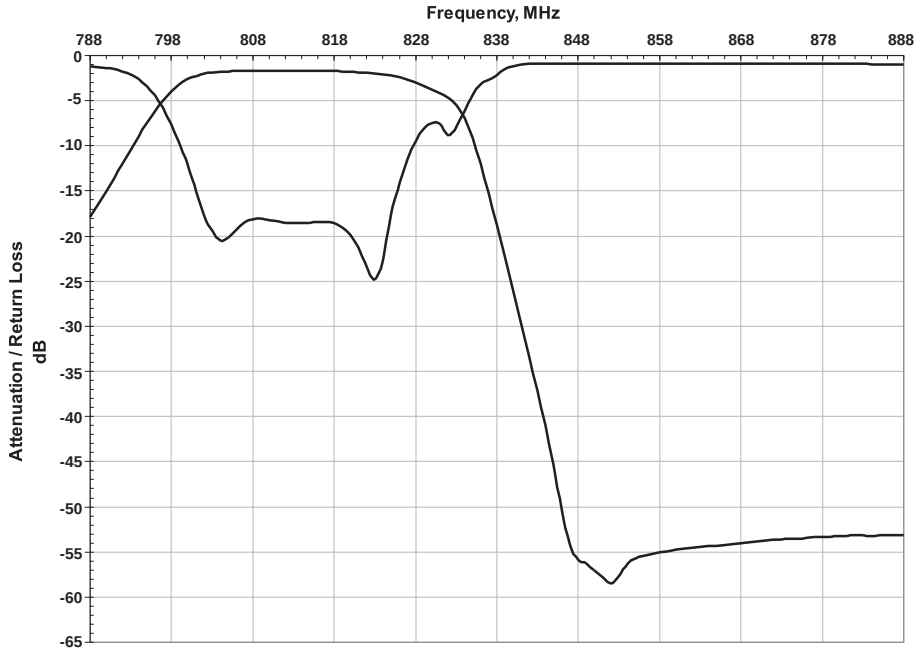
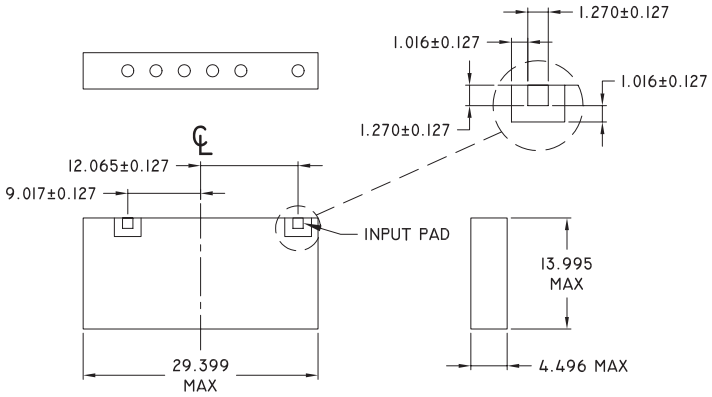
MODEL KFF6168A

Typical Response Curve

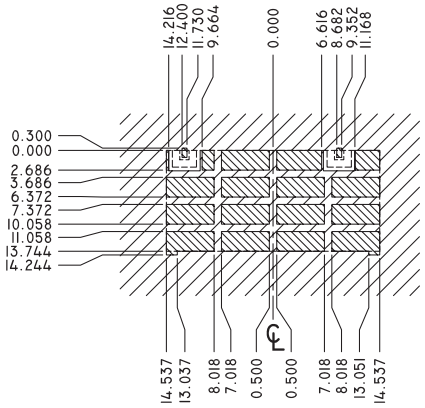


Mechanical Dimensions



ALL DIMENSIONS IN MM.

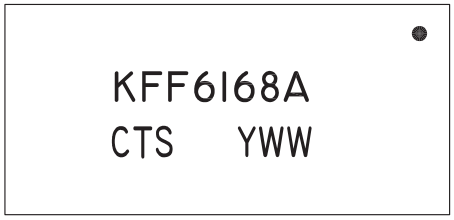
PC Board Layout



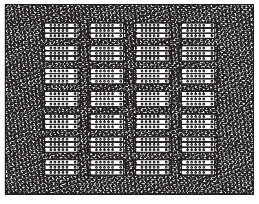
NOTES:
1. NO CONDUCTOR BENEATH I/O GAP.
2. I/O PADS 0.3 MM SMALLER THAN FILTER PADS.
3. I/O GAPS 0.5 MM LARGER THAN FILTER GAPS.
4. EXPOSED CONDUCTOR PADS ALIGN TO EDGE OF FILTER.

Part Marking

Y = LAST DIGIT OF YEAR
WW = SEQUENTIAL WEEK NUMBER



Packaging



This product is shipped in pre-formed foamed trays.

Contact Information:

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