

Ceramic Monoblock Bandpass Filter



Model KFF6433A Technical Data

Features:

- Small Size
- High Performance
- SMD

Description and Applications:

This monoblock filter is suitable for aeronautical radionavigation applications at 1054 MHz. It is also used in CATV applications at that band.



Electrical Specifications

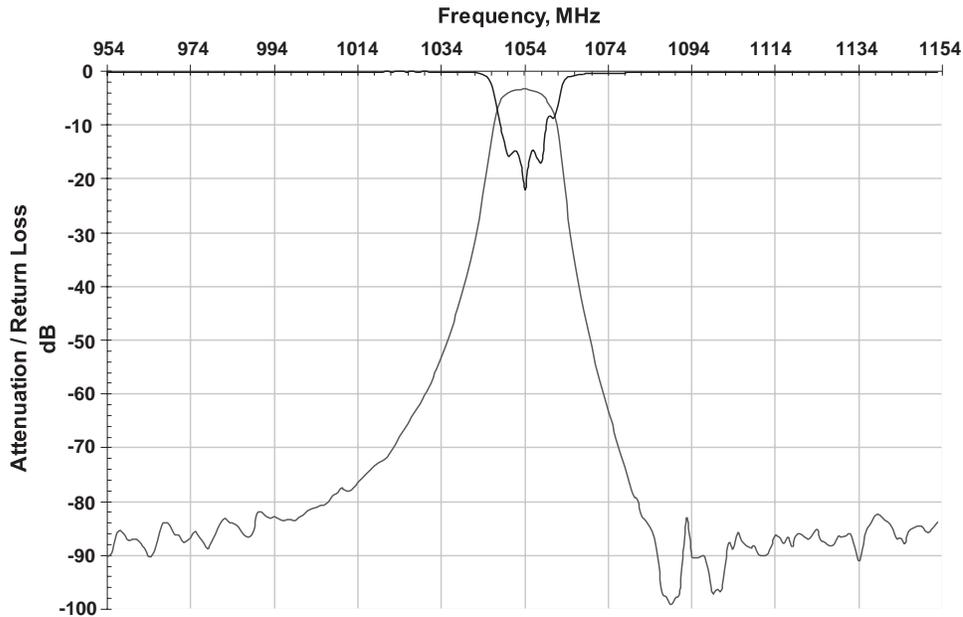
Parameters	Frequency	Specifications @ 25° C
Insertion Loss	1052 MHz to 1056 MHz	4.5 dB max.
Forward Return Loss		10.0 dB min.
Attenuation	1029 MHz	50.0 dB min.
Attenuation	1044 MHz	20.0 dB min.
Attenuation	1064 MHz	20.0 dB min.
Attenuation	1079 MHz	50.0 dB min.
Power Rating		1W
Impedance		50Ω

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:

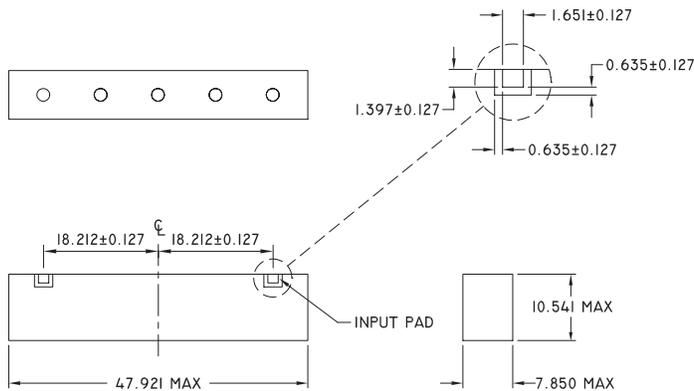
Specification	Typical Allowance
Insertion Loss	0.1dB
Return Loss	1.0dB
Stopbands	1.0dB

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Typical Response Curve

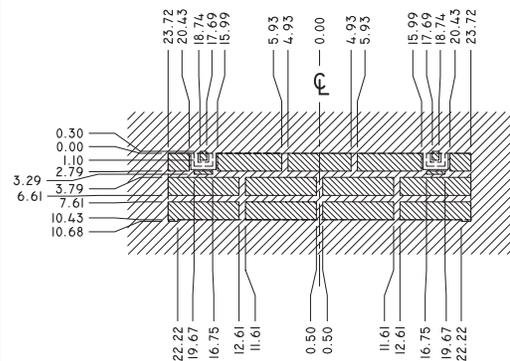


Mechanical Dimensions



ALL DIMENSIONS IN MM.

PC Board Layout



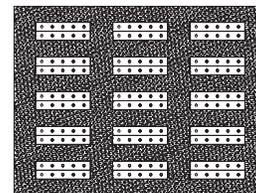
- FILTER OUTLINE
 [Hatched] EXPOSED CONDUCTOR
 [White] SOLDER RESIST OVER DIELECTRIC
 [Diagonal] SOLDER RESIST OVER CONDUCTOR
- NOTES:
 1. NO CONDUCTOR BENEATH I/O GAP.
 2. I/O PADS 0.3 MM SMALLER THAN FILTER PADS.
 3. I/O GAPS 0.5 MM LARGER THAN FILTER GAPS.
 4. EXPOSED CONDUCTOR PADS ALIGN TO EDGE 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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