

Ceramic Monoblock Bandpass Filter

CTS

WIRELESS COMPONENTS

Model KFF6516A Technical Data

Features:

- Small Size
- High Performance
- SMD

Description and Applications:

This monoblock filter is suitable for aeronautical radionavigation applications at 1090 MHz, primarily TCAS.



Electrical Specifications

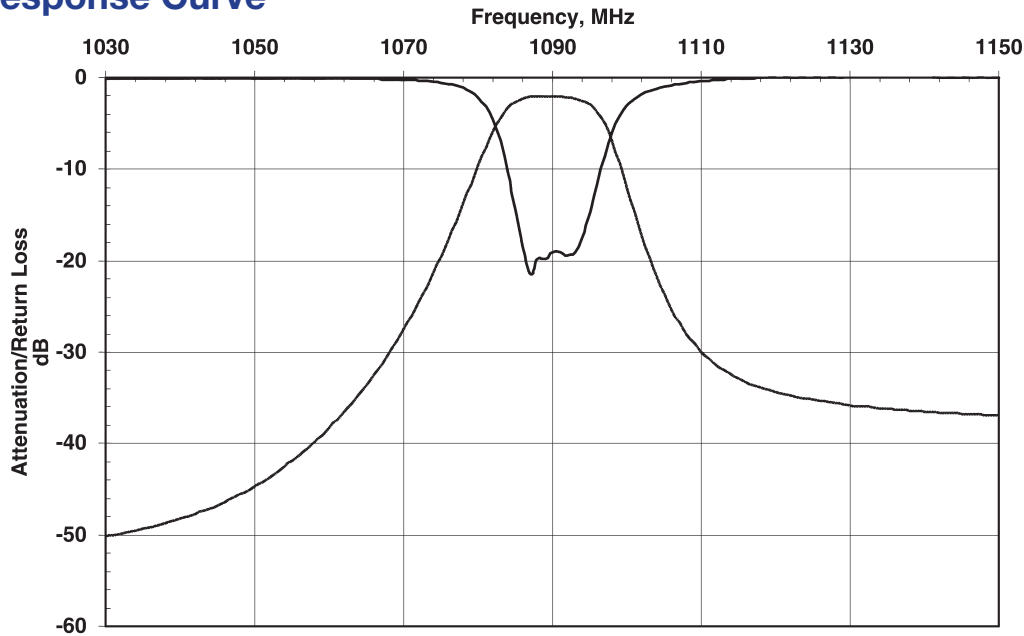
Parameters	Frequency	Specifications @ 25° C
Insertion Loss	1087 MHz to 1093 MHz	2.75 dB max.
Forward Return Loss		12.0 dB min.
Attenuation	1065 MHz	30.0 dB min.
Attenuation	1075 MHz	15.0 dB min.
Attenuation	1080 MHz	5.0 dB min.
Attenuation	1100 MHz	10.0 dB min.
Attenuation	1105 MHz	20.0 dB min.
Attenuation	1115 MHz	30.0 dB min.
Power Rating		1 W
Impedance		50 Ω

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:

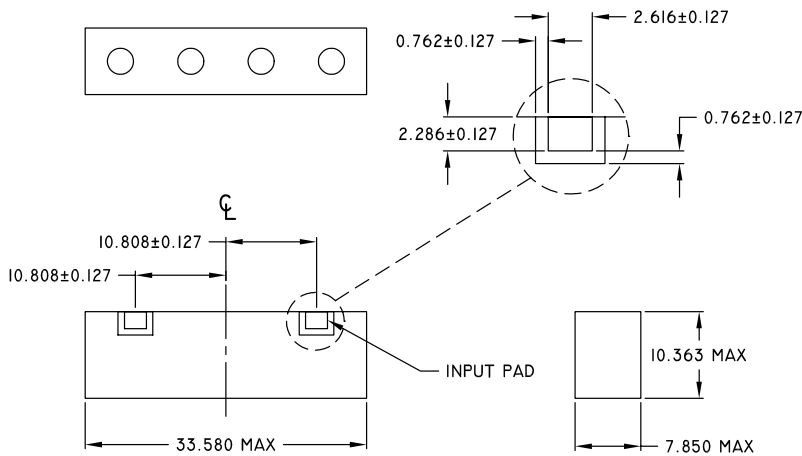
Specification	Typical Allowance
Insertion Loss	0.1 dB
Return Loss	1.0 dB
Stopbands	1.0 dB

Rev. 1

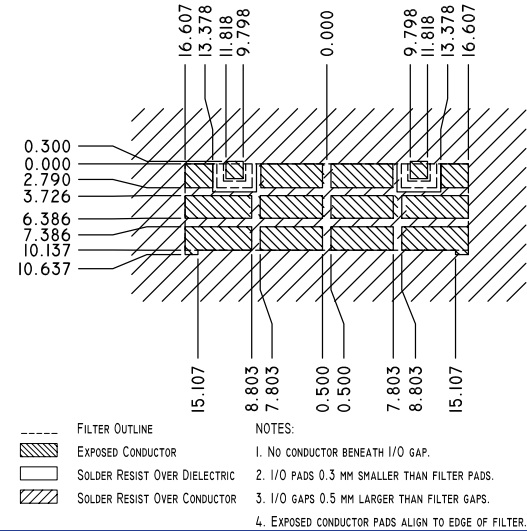
Typical Response Curve



Mechanical Dimensions

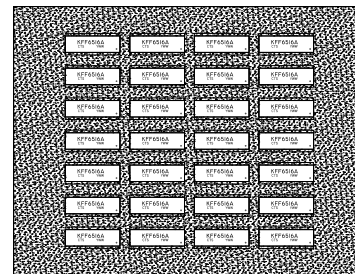


PC Board Layout



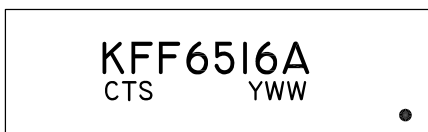
Packaging

This product is shipped in pre-formed foam trays.



Part Marking

Y = LAST DIGIT OF YEAR
WW = SEQUENTIAL WEEK NUMBER



Contact Information:

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