

# Ceramic Monoblock Bandpass Filter

**CTS**

WIRELESS COMPONENTS

# Model KFF6407A Technical Data

## Features:

- Small Size
- High Performance

## Description and Applications:

This is a 3 pole monoblock Bandpass filter in the radionavigation Band for TCAS applications at 1030 MHz.



## Electrical Specifications

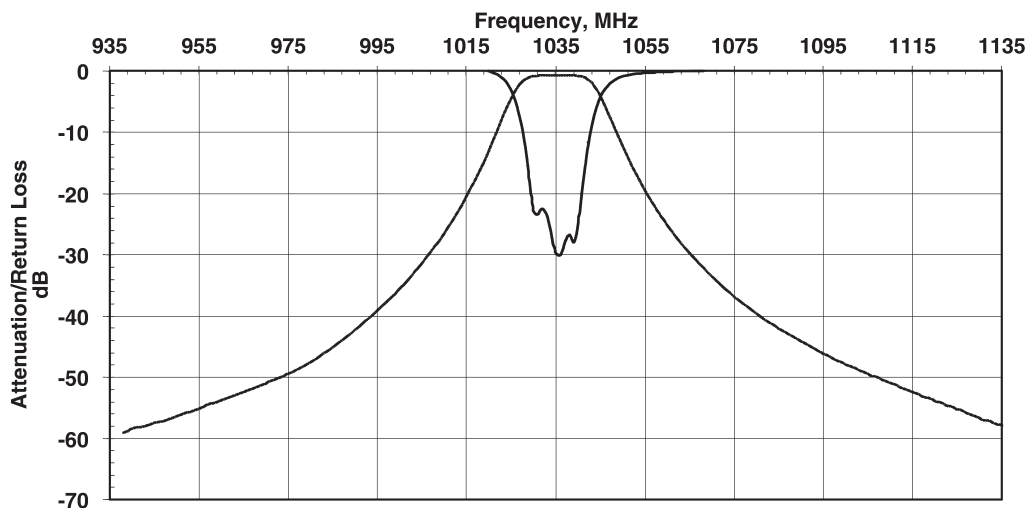
Parameters	Frequency	Specifications @ 25° C
Insertion Loss	1033 MHz to 1036 MHz	1.0 dB max.
Forward Return Loss		15.0 dB min.
Attenuation	835 MHz	51.0 dB min.
Attenuation	915 MHz	46.0 dB min.
Attenuation	975 MHz	32.0 dB min.
Attenuation	1005 MHz	20.0 dB min.
Attenuation	1013 MHz	7.0 dB min.
Attenuation	1056 MHz	7.0 dB min.
Attenuation	1064 MHz	20.0 dB min.
Attenuation	1094 MHz	32.0 dB min.
Attenuation	1154 MHz	46.0 dB min.
Attenuation	1234 MHz	51.0 dB min.
Power Rating		1 W
Impedance		50 $\Omega$

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:

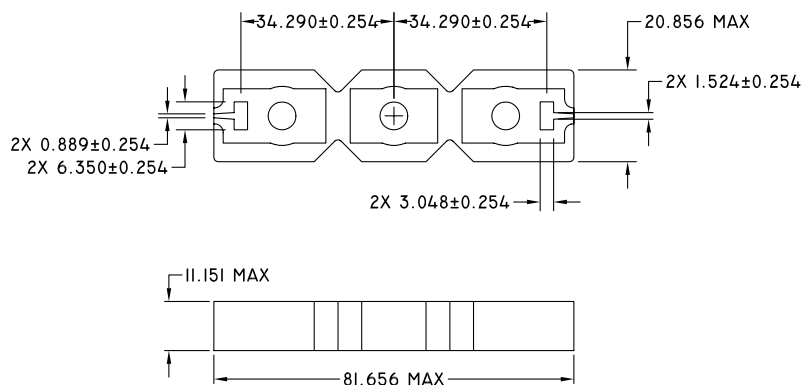
Specification	Typical Allowance
Insertion Loss	0.1 dB
Return Loss	1.0 dB
Stopbands	1.0 dB

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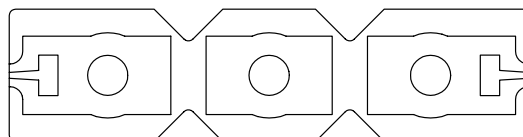
### Typical Response Curve



### Mechanical Dimensions



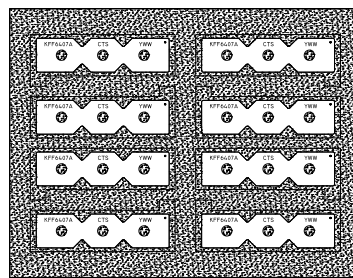
### PC Board Layout



MOUNTING VARIES BY INDIVIDUAL CUSTOMER.

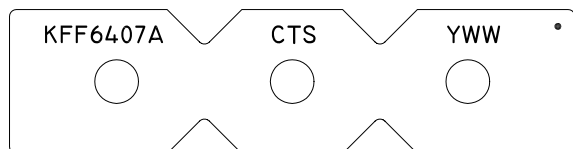
### Packaging

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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