

# Ceramic Monoblock Bandpass Filter

**CTS**

WIRELESS COMPONENTS

# Model KFF6050A Technical Data

## Features:

- Small Size
- High Performance

## Description and Applications:

This monoblock filter is suitable for aeronautical radionavigation applications at 1030 MHz, primarily TCAS.



## Electrical Specifications

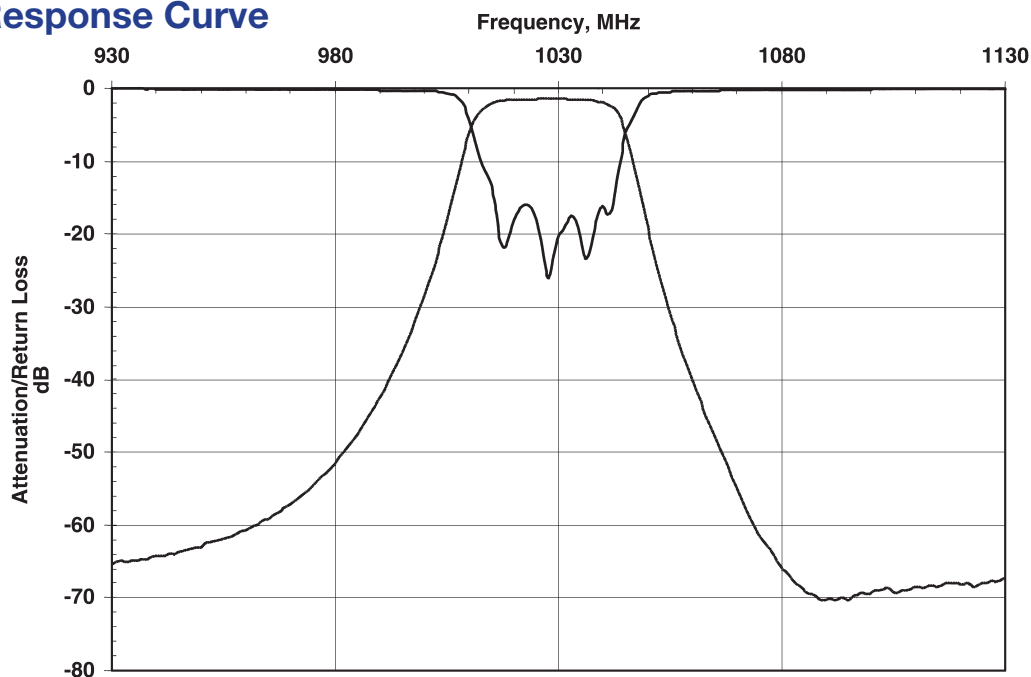
Parameters	Frequency	Specifications @ 25° C
Insertion Loss	1025 MHz to 1035 MHz	2.5 dB max.
Forward Return Loss		10.0 dB min.
Attenuation	1000 MHz	18.0 dB min.
Attenuation	1100 MHz	35.0 dB min.
Power Rating		1 W
Impedance		50 $\Omega$

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:

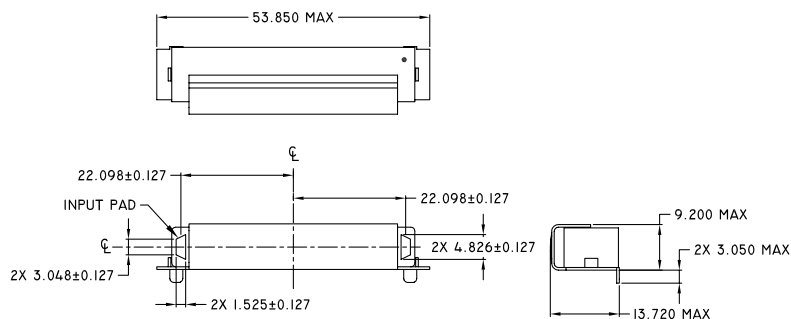
Specification	Typical Allowance
Insertion Loss	0.1 dB
Return Loss	1.0 dB
Stopbands	1.0 dB

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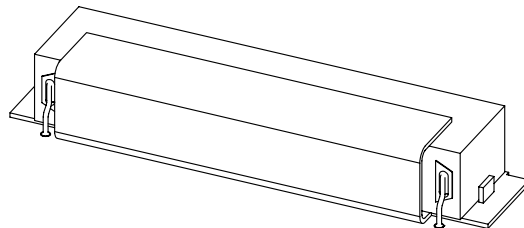
### Typical Response Curve



### Mechanical Dimensions



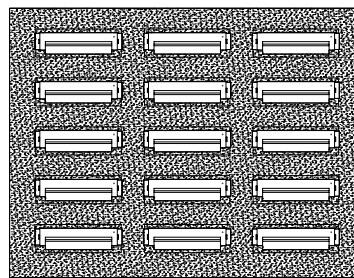
### PC Board Layout



MOUNTING VARIES BY INDIVIDUAL CUSTOMER.

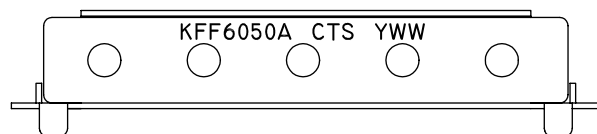
### Packaging

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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