

# Ceramic Monoblock Bandpass Filter



# Model KFF6403A Technical Data

## Features:

- Small Size
- High Performance

## Description and Applications:

This 3 pole monoblock filter is designed primarily for L2 band GPS applications at 1228 MHz.



## Electrical Specifications

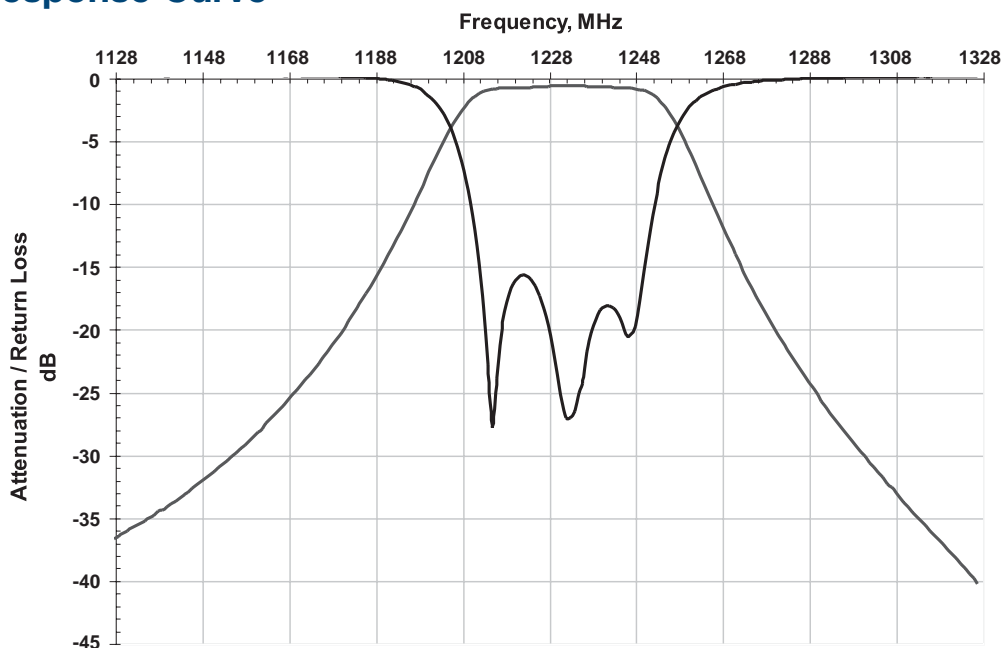
Parameters	Frequency	Specifications @ 25° C
Insertion Loss (ILPB)	1217.6 MHz to 1237.6 MHz	1.0 dB max.
Forward Return Loss (RLPB)	1212.6 MHz to 1242.6 MHz	12.0 dB min.
Attenuation	1152.6 MHz	29.0 dB min.
Attenuation	1302.6 MHz	29.0 dB min.
Power Rating		1W
Impedance		50Ω

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:

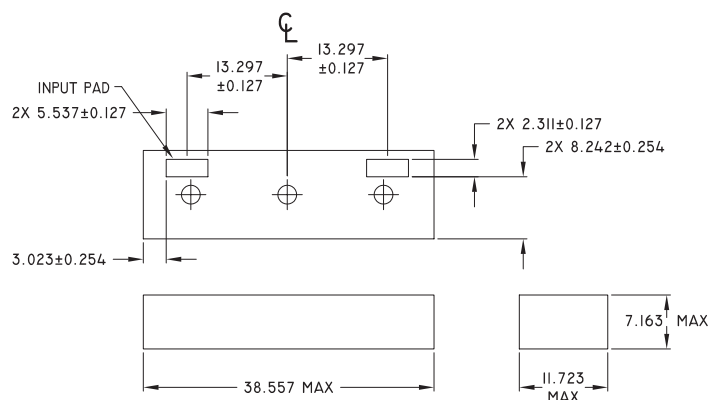
Specification	Typical Allowance
Insertion Loss	0.1dB
Return Loss	1.0dB
Stopbands	1.0dB

Rev. 0

### Typical Response Curve

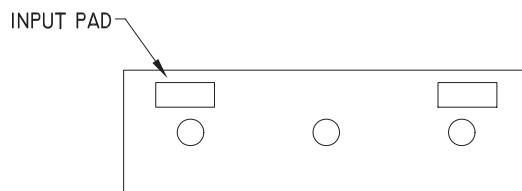


### Mechanical Dimensions



ALL DIMENSIONS IN MM.

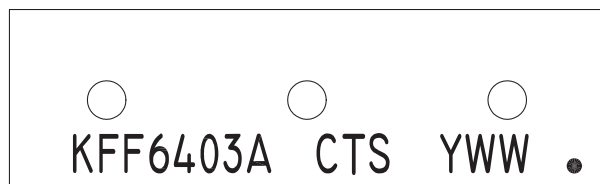
### PC Board Layout



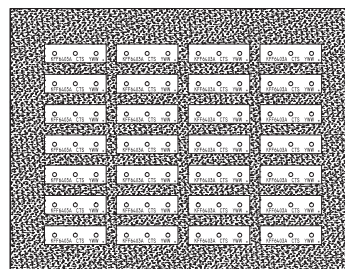
NOTE: MOUNTING IS CUSTOMER SPECIFIC.

### Part Marking

Y = LAST DIGIT OF YEAR  
WW = SEQUENTIAL WEEK NUMBER



### Packaging



This product is shipped in pre-formed foamed trays.

### Contact Information:

**CTS WIRELESS COMPONENTS, INC.** / 171 Covington Drive / Bloomingdale, IL 60108  
PHONE: (800) 757-6686 / [www.ctscorp.com](http://www.ctscorp.com)

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