

# Ceramic Monoblock Bandpass Filter



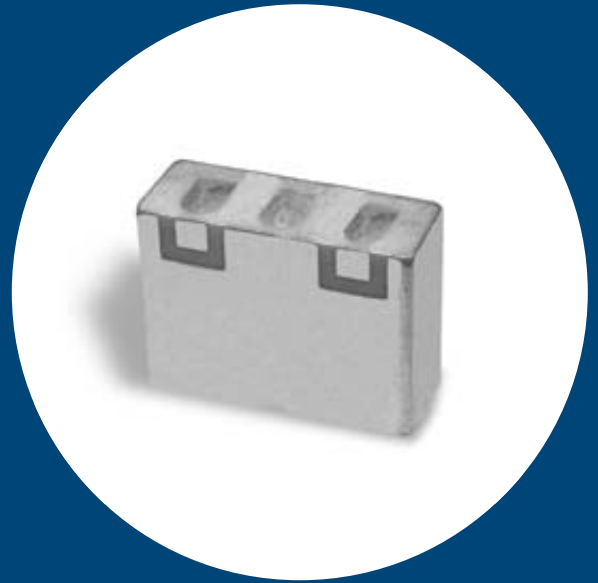
# Model KFF6449A Technical Data

## Features:

- Small Size
- High Performance
- SMD

## Description and Applications:

This monoblock filter is primarily designed for Inmarsat applications at 1542 MHz.



## Electrical Specifications

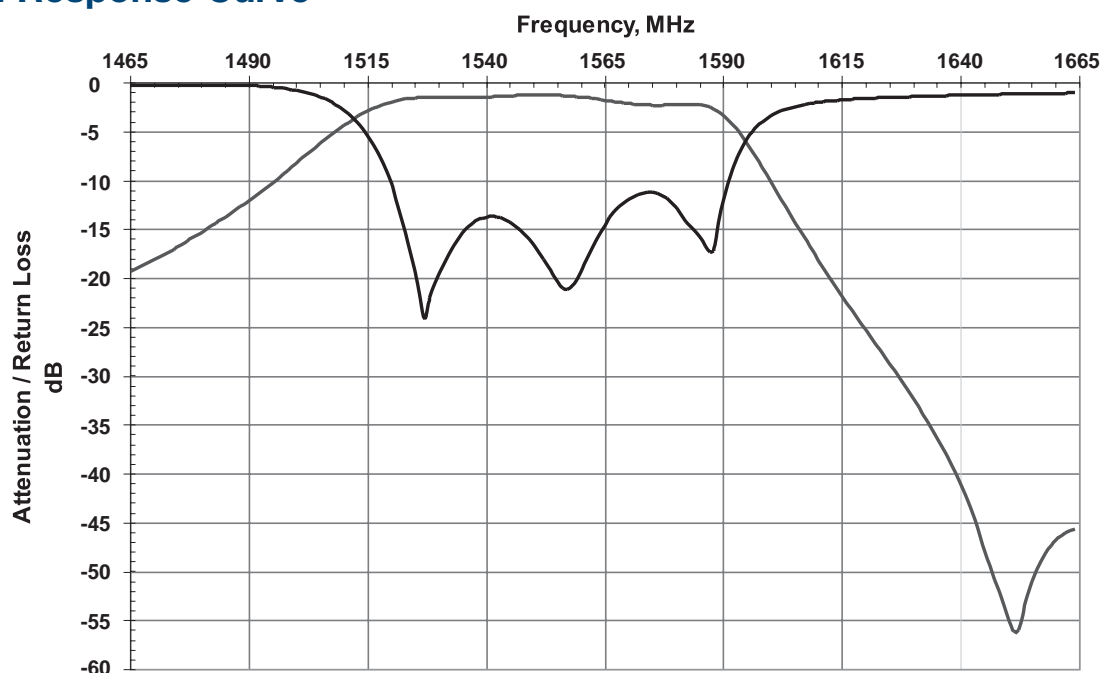
Parameters	Frequency	Specifications @ 25° C
Insertion Loss	1525 MHz to 1559 MHz	2.2 dB max.
Forward Return Loss		10.0 dB min.
Attenuation	1475 MHz	14.5 dB min.
Attenuation	1626 MHz	24.5 dB min.
Attenuation	1650 MHz	32.5 dB min.
Attenuation	1655 MHz	32.5 dB min.
Attenuation	1661 MHz	32.5 dB min.
Power 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:

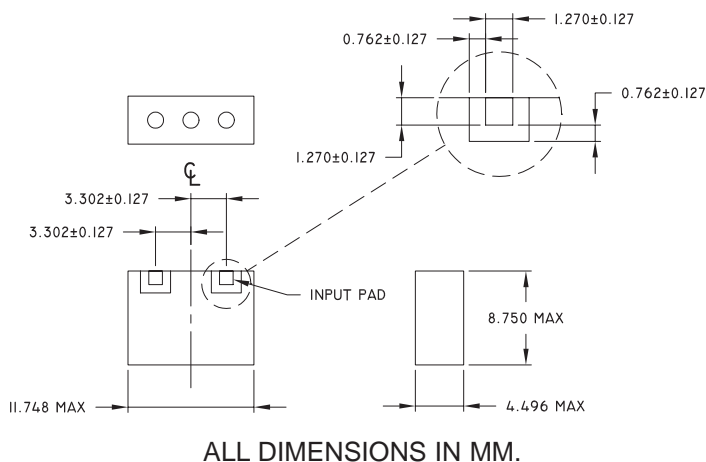
Specification	Typical Allowance
Insertion Loss	0.1dB
Return Loss	1.0dB
Stopbands	1.0dB

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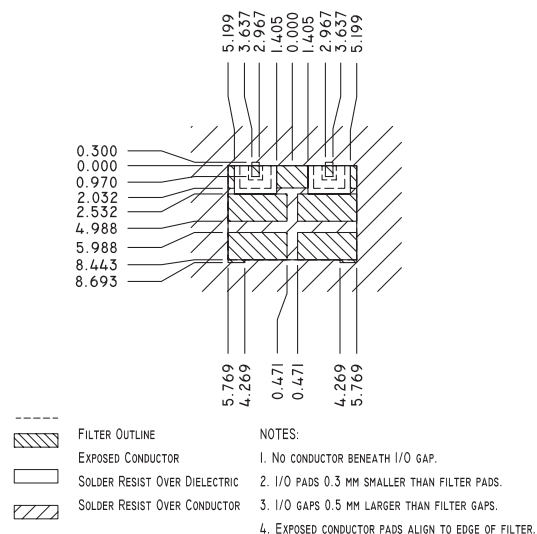
## Typical Response Curve



## Mechanical Dimensions

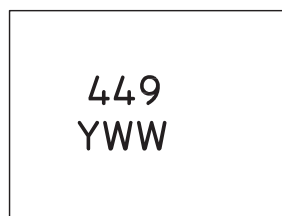


## PC Board Layout

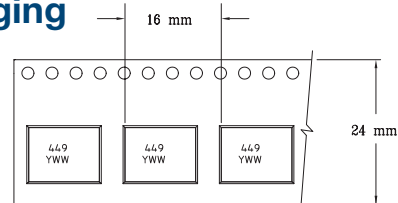


## Part Marking

Y = LAST DIGIT OF YEAR  
WW = SEQUENTIAL WEEK NUMBER



## Packaging



THIS PRODUCT IS SHIPPED IN REELED TAPES.  
800 PCS MAXIMUM PER REEL.  
6 LBS MAXIMUM WEIGHT PER REEL.

## 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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