

# Ceramic Monoblock Bandpass Filter

**CTS**

WIRELESS COMPONENTS

# Model KFF6659A Technical Data

## Features:

- Small Size
- High Performance
- SMD

## Description and Applications:

This monoblock filter is primarily designed for US PCS TX base station applications at 1960 MHz.



## Electrical Specifications

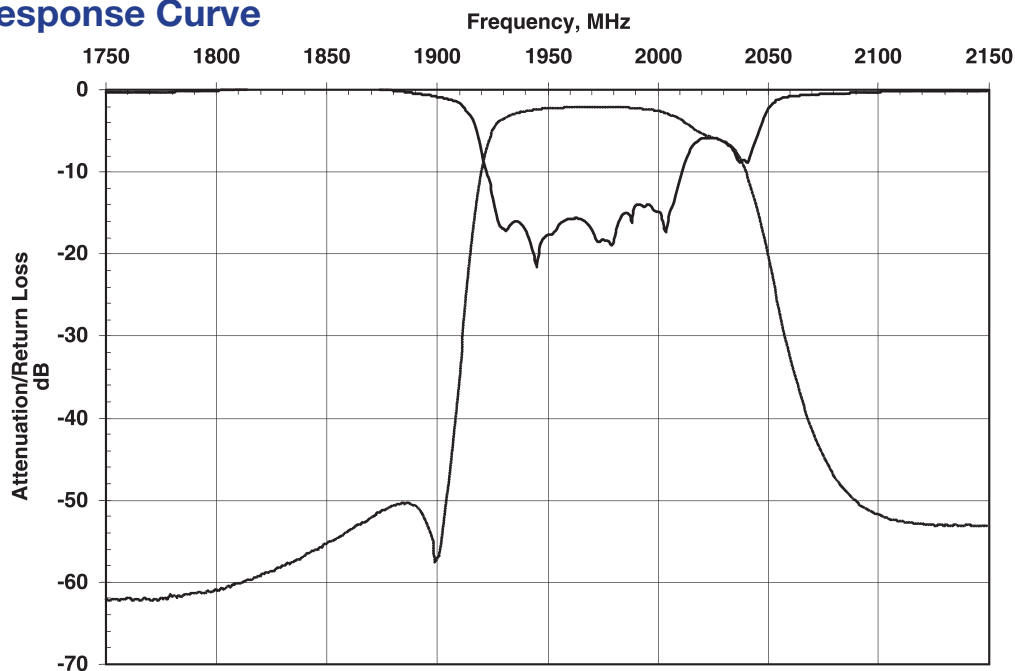
Parameters	Frequency	Specifications @ 25° C
Insertion Loss	1930 MHz to 1990 MHz	2.9 dB max.
Forward Return Loss		10.0 dB min.
Attenuation	1850 MHz	25.0 dB min.
Attenuation	1910 MHz	25.0 dB min.
Power Rating		1 W
Impedance		50 $\Omega$

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:

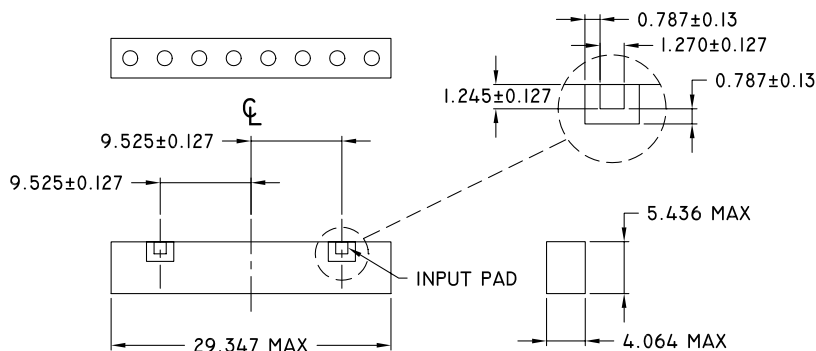
Specification	Typical Allowance
Insertion Loss	0.1 dB
Return Loss	1.0 dB
Stopbands	1.0 dB

Rev. 1

### Typical Response Curve

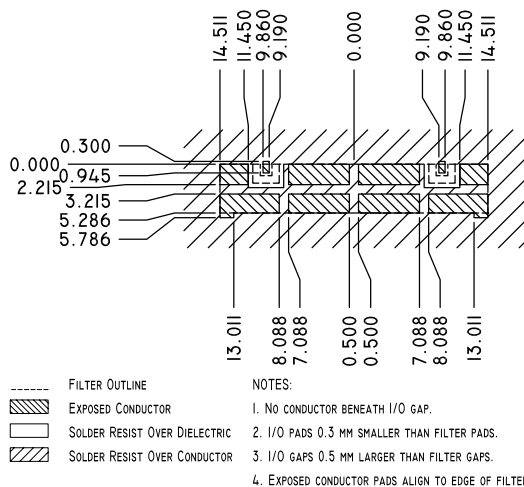


### Mechanical Dimensions



All dimensions in mm

### PC Board Layout



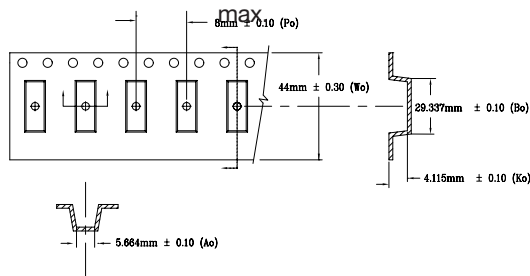
### Part Marking

Y = LAST DIGIT OF YEAR  
WW = SEQUENTIAL WEEK NUMBER

KFF6659A CTS YWW

### Packaging

Reel Quantity: 1000 pcs.  
max. Reel Weight: 5 lbs.



### Contact Information:

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