

# Ceramic Monoblock Duplex Filter

**CTS**

WIRELESS COMPONENTS

# Model KFF6636A Technical Data

## Features:

- Small Size
- High Performance
- SMD

## Description and Applications:

This monoblock Duplexer filter is primarily designed for Cellular Band applications at 824-894 MHz.



## Electrical Specifications

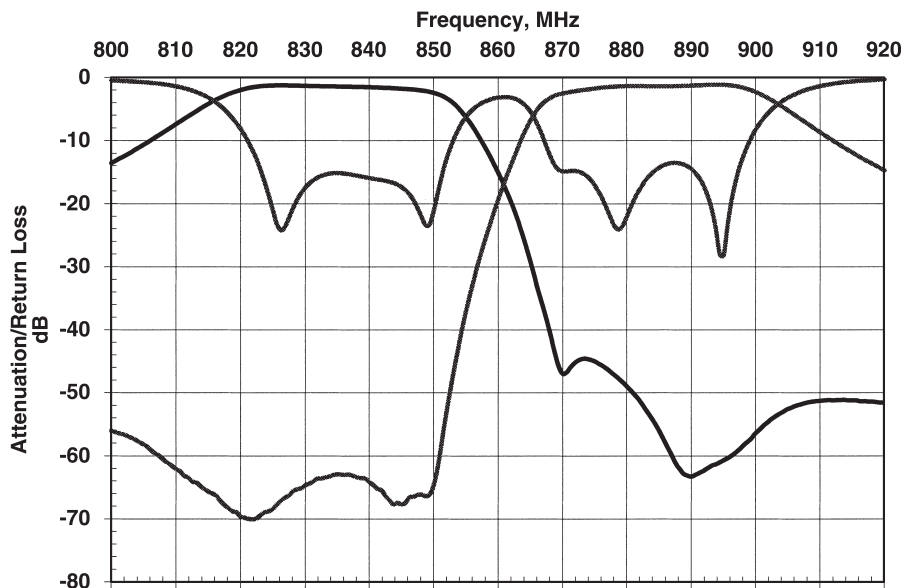
Antenna to TX Response	Frequency	Specifications @ 25° C
Insertion Loss	824 MHz to 849 MHz	2.4 dB max.
Return Loss		13.0 dB min.
Rejection @ RX Band	869 MHz to 894 MHz	43.0 dB min.
Antenna to RX Response	Frequency	Specifications @ 25° C
Insertion Loss	869 MHz to 894 MHz	3.3 dB max.
Return Loss		13.0 dB min.
Rejection @ TX Band	824 MHz to 849 MHz	58.0 dB min.
TX to RX Response	Frequency	Specifications @ 25° C
Rejection @ RX Band	869 MHz to 894 MHz	44.0 dB min.
Rejection @ TX Band	824 MHz to 849 MHz	60.0 dB min.
Power Rating		3 W
Impedance		50 Ω

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:

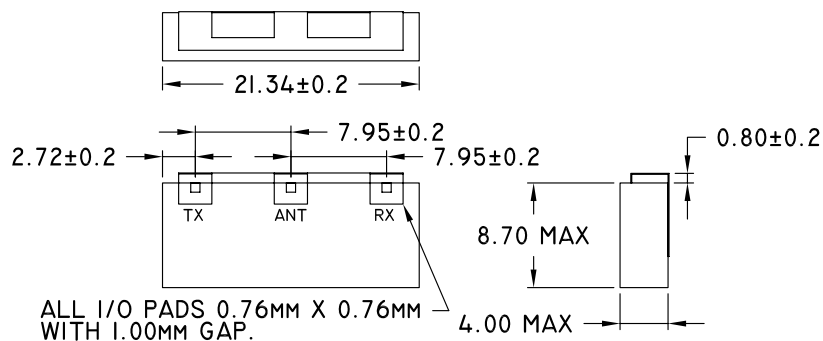
Specification	Typical Allowance
Insertion Loss	0.1 dB
Return Loss	1.0 dB
Stopbands	1.0 dB

Rev. 1

## Typical Response Curve

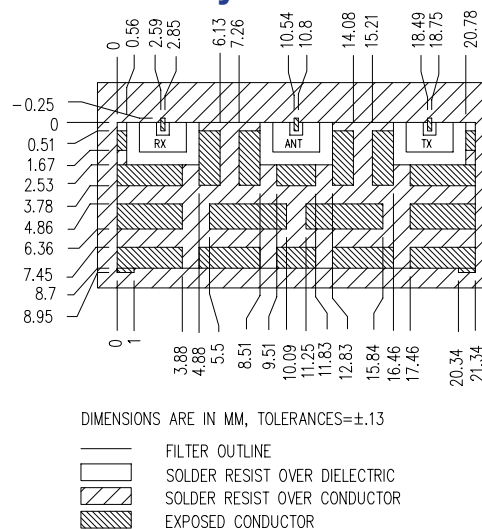


## Mechanical Dimensions



All dimensions in mm

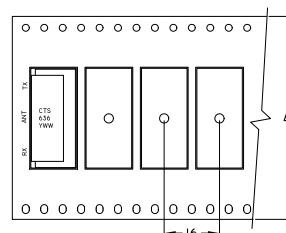
## PC Board Layout



## Packaging

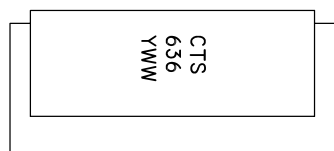
Reel Quantity: 500 pcs. max.  
Reel Weight: 5.4 lbs. max.

PACK DIRECTION  
← ← ←



## Part Marking

Y = LAST DIGIT OF YEAR  
WW = SEQUENTIAL WEEK NUMBER



## Contact Information:

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Document Control #6287078Y01 Rev 1

Date of Origin 04/09/01

Date of Revision 04/09/01

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