

# Ceramic Monoblock Duplex Filter

**CTS**

WIRELESS COMPONENTS

# Model KFF6567A Technical Data

## Features:

- Small Size
- High Performance
- SMD

## Description and Applications:

This monoblock Duplexer filter is primarily designed for Cellular Band (CDMA and AMPS) applications at 824-894 MHz.



## Electrical Specifications

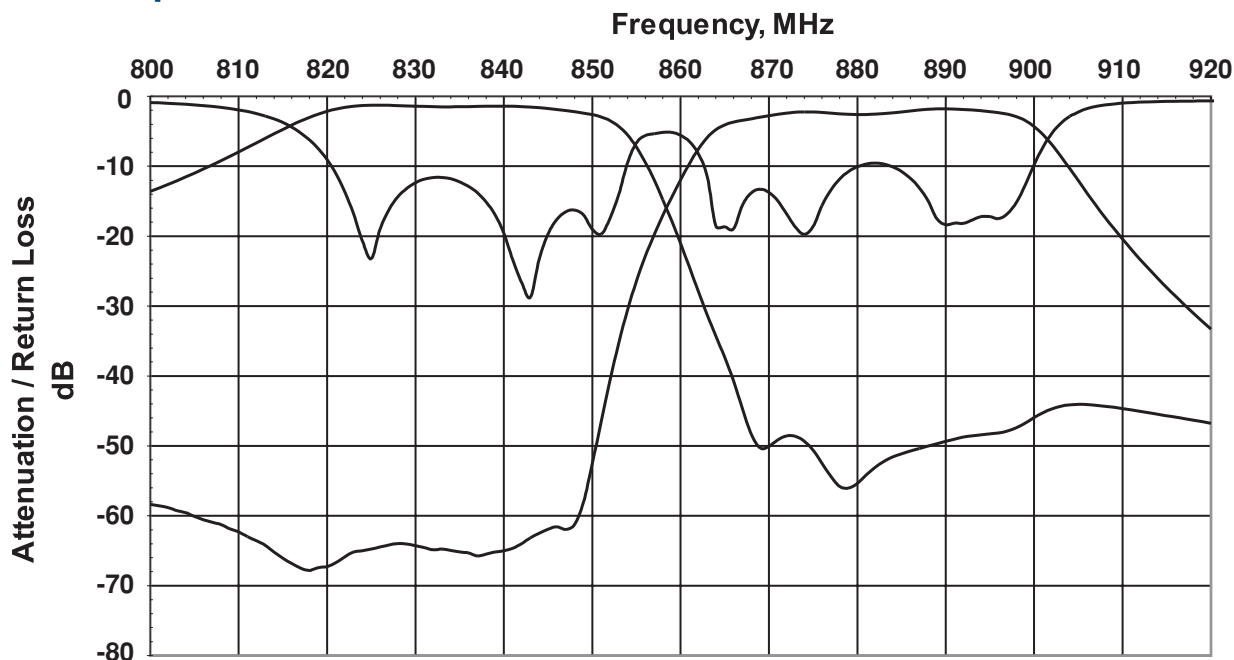
TX to Antenna Response	Frequency	Specifications @ 25° C
Insertion Loss	824 MHz to 849 MHz	2.5 dB max.
Return Loss @ TX		10.0 dB min.
Attenuation	779 MHz to 804 MHz	10.0 dB min.
Attenuation	869 MHz to 894 MHz	45.0 dB min.
Antenna to RX Response	Frequency	Specifications @ 25° C
Insertion Loss	869 MHz to 894 MHz	3.3 dB max.
Return Loss @ RX		8.0 dB min.
Attenuation	824 MHz to 849 MHz	52.0 dB min.
Attenuation	914 MHz to 939 MHz	20.0 dB min.
Attenuation	959 MHz to 984 MHz	45.0 dB min.
Power Rating		3W
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:

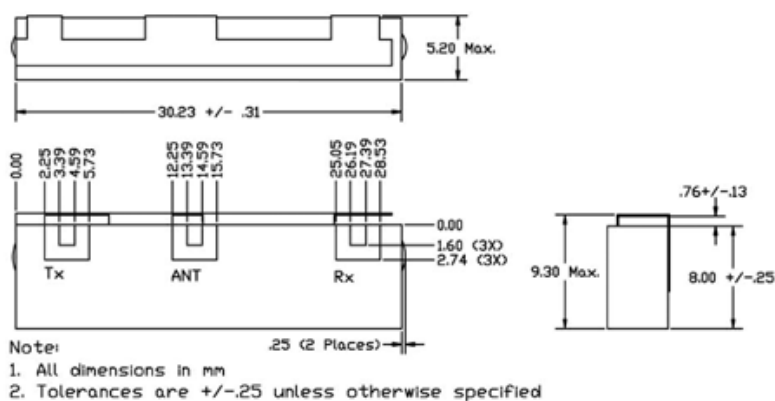
Specification	Typical Allowance
Insertion Loss	0.1dB
Return Loss	1.0dB
Stopbands	1.0dB

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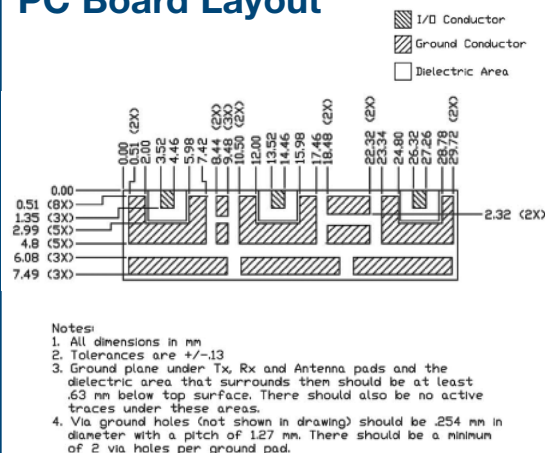
## Typical Response Curve



## Mechanical Dimensions

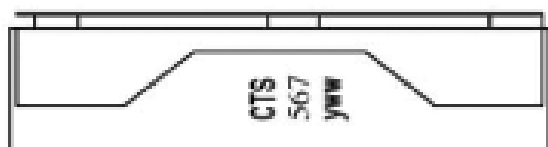


## PC Board Layout

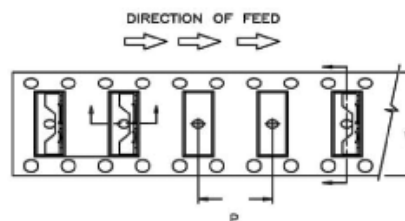


## Part Marking

Y = LAST DIGIT OF YEAR  
WW = SEQUENTIAL WEEK NUMBER



## Packaging



- Notes:
1. Dimension "W" is equal to 44 mm (width of tape).
  2. Dimension "P" is equal to 20 mm (pitch of tape).

## Contact Information:

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