

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

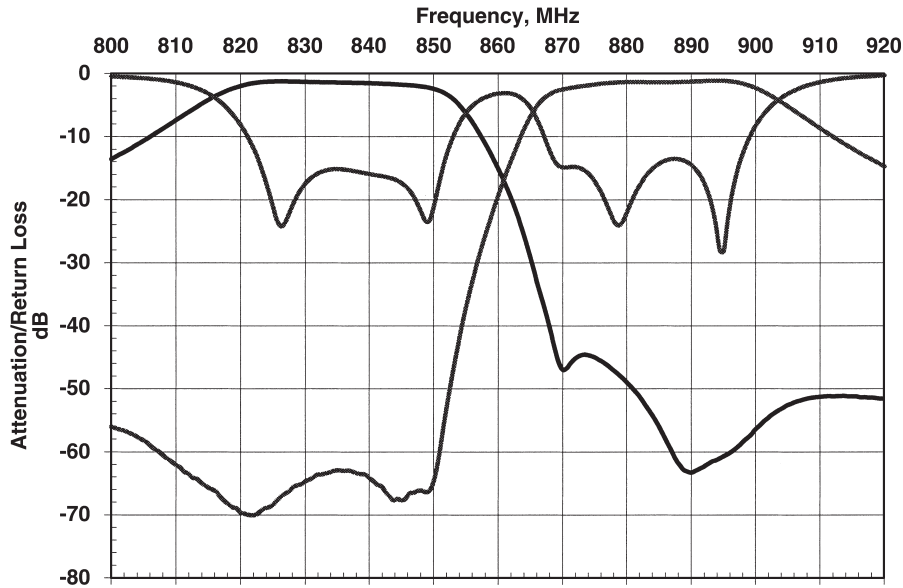
Antenna to TX Response	Frequency	Specifications @ 25° C
Insertion Loss	824 MHz to 849 MHz	2.4 dB max.
Return Loss		13.0 dB min.
Rejection @ RX Band	869 MHz to 894 MHz	43.0 dB min.
Antenna to RX Response	Frequency	Specifications @ 25° C
Insertion Loss	869 MHz to 894 MHz	3.3 dB max.
Return Loss		13.0 dB 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:

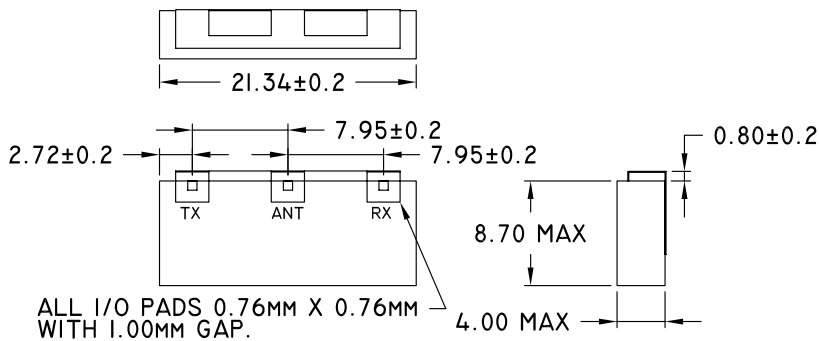
Specification	Typical Allowance
Insertion Loss	0.1 dB
Return Loss	1.0 dB
Stopbands	1.0 dB

Rev. 1

Typical Response Curve

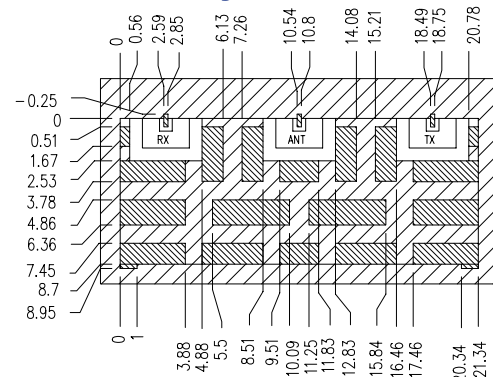


Mechanical Dimensions



All dimensions in mm

PC Board Layout

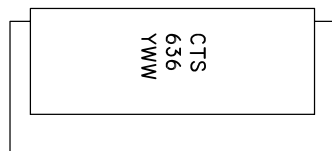


DIMENSIONS ARE IN MM, TOLERANCES=±.13

— FILTER OUTLINE
 □ SOLDER RESIST OVER DIELECTRIC
 ▨ SOLDER RESIST OVER CONDUCTOR
 ▩ EXPOSED CONDUCTOR

Part Marking

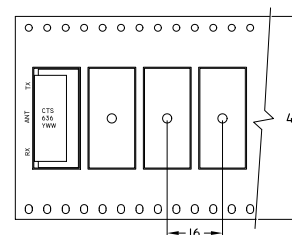
Y = LAST DIGIT OF YEAR
 WW = SEQUENTIAL WEEK NUMBER



Packaging

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

PACK DIRECTION
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Contact Information:

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