

Ceramic Monoblock Duplex Filter

CTS

WIRELESS COMPONENTS

Model KFF6075B Technical Data

Features:

- High Power
- Exceptional Performance
- Rugged Bracket Mounting

Description and Applications:

A high power duplexer suitable for mobile applications in the 800MHz cellular band.



Electrical Specifications

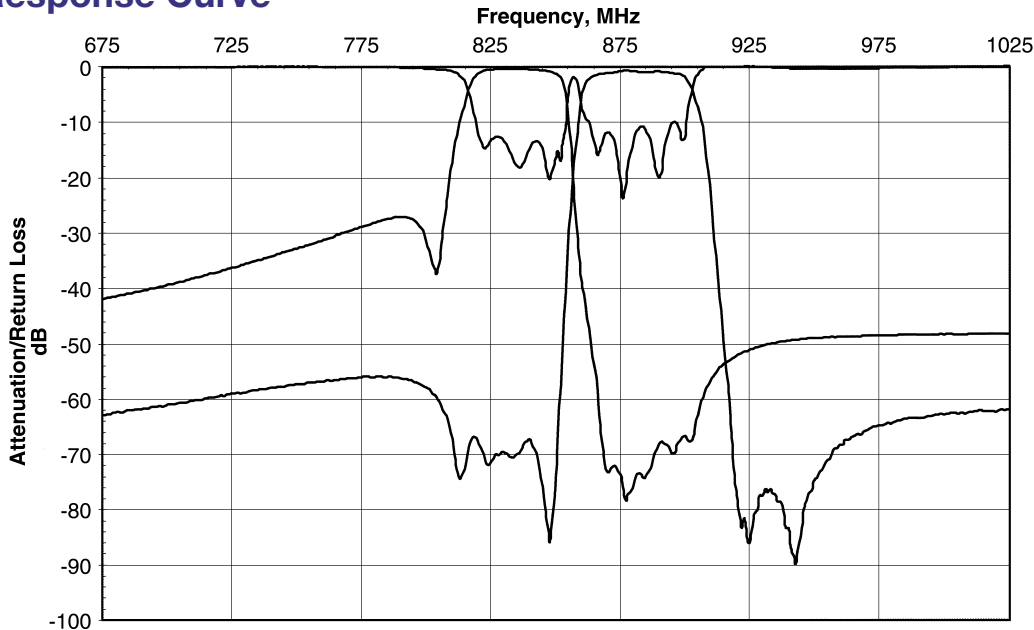
Antenna to TX Response	Frequency	Specifications @ 25° C
Insertion Loss	824 MHz to 849 MHz	2.5 dB max.
Return Loss		9.5 dB min.
Attenuation	869 MHz to 894 MHz	60 dB min.
Antenna to RX Response	Frequency	Specifications @ 25° C
Insertion Loss	869 MHz to 894 MHz	2.5 dB max.
Return Loss		7.5 dB min.
Attenuation	824 MHz to 849 MHz	65 dB min.
Power Rating		5 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:

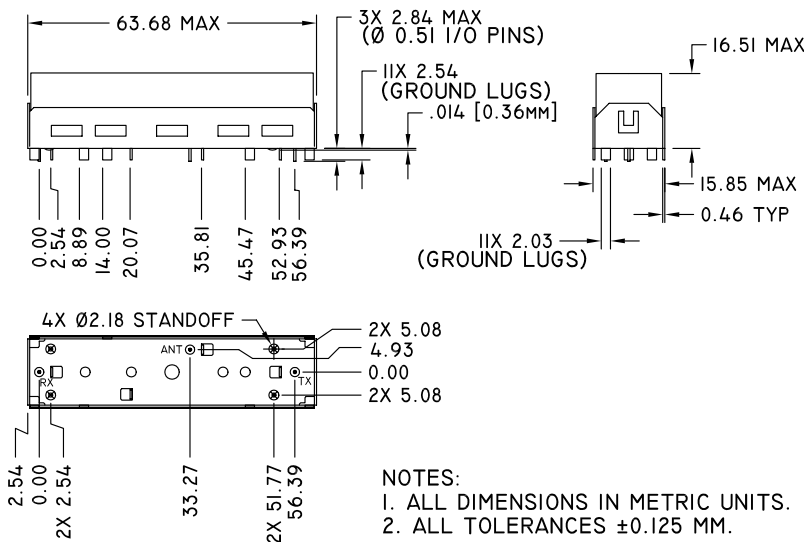
Specification	Allowance
Insertion Loss	0.1 dB
Return Loss	1.0 dB
Stopbands	1.0 dB

Rev. 1

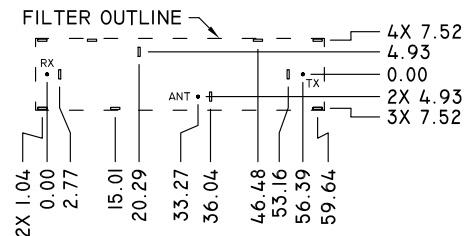
Typical Response Curve



Mechanical Dimensions



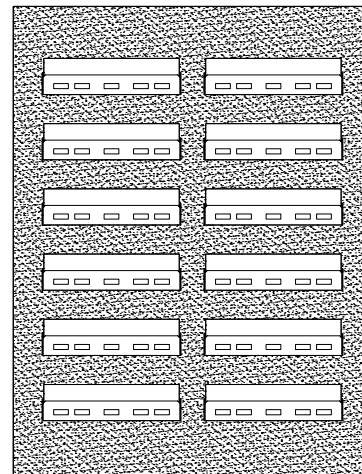
PC Board Layout



VIEW LOOKING DOWN ON FILTER TO PC BOARD
ALL DIMENSIONS NOMINAL

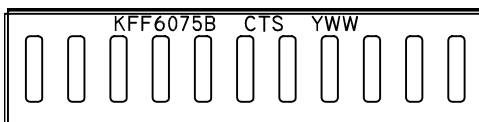
Packaging

This product is shipped in pre-formed foam trays.



Part Marking

Y = LAST DIGIT OF YEAR
WW = SEQUENTIAL WEEK NUMBER



Contact Information:

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