



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Ceramic Monoblock Duplex Filter



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

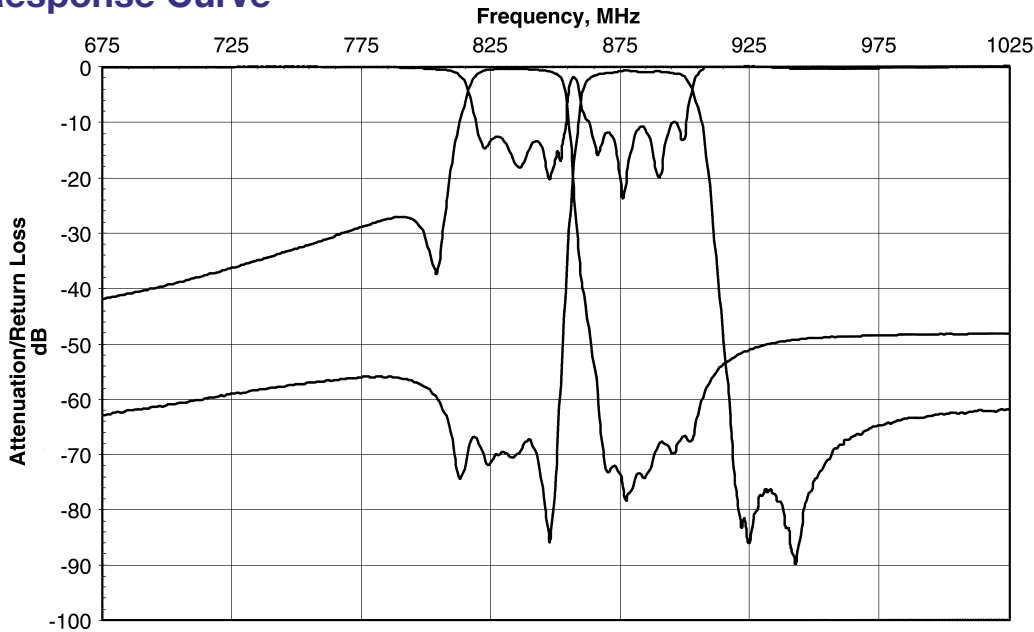
Antenna to TX Response	Frequency	Specifications @ 25° C
Insertion Loss	824 MHz to 849 MHz	2.5 dB max.
Return Loss		9.5 dB min.
Attenuation	869 MHz to 894 MHz	60 dB min.
Antenna to RX Response	Frequency	Specifications @ 25° C
Insertion Loss	869 MHz to 894 MHz	2.5 dB max.
Return Loss		7.5 dB min.
Attenuation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

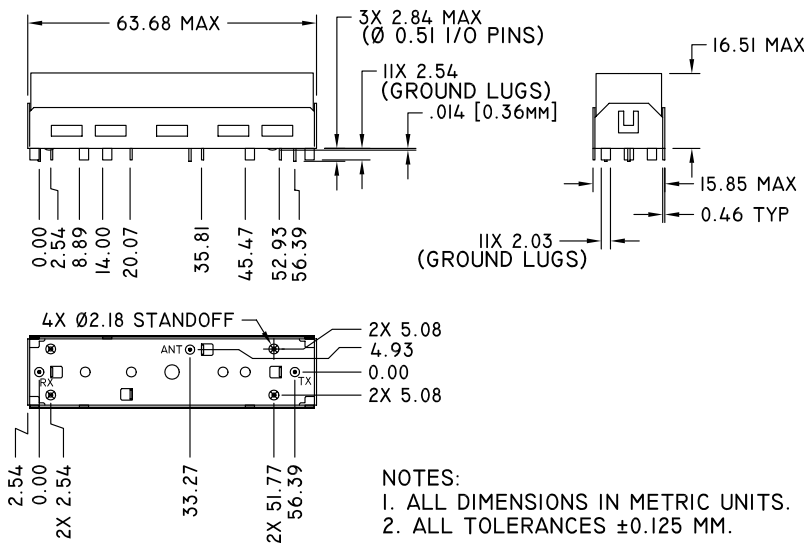
Specification	Allowance
Insertion Loss	0.1 dB
Return Loss	1.0 dB
Stopbands	1.0 dB

Rev. 1

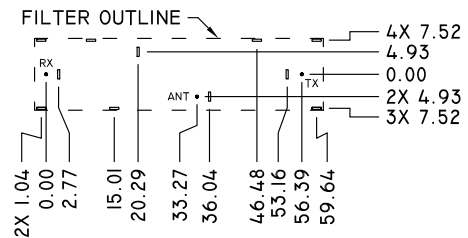
Typical Response Curve



Mechanical Dimensions



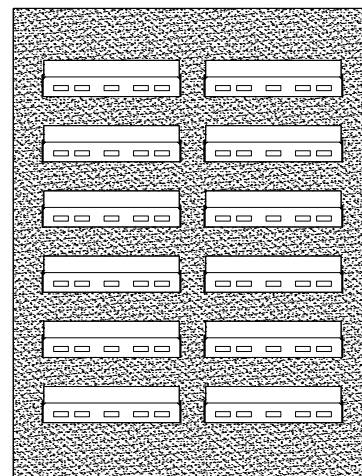
PC Board Layout



VIEW LOOKING DOWN ON FILTER TO PC BOARD
ALL DIMENSIONS NOMINAL

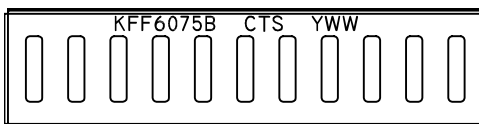
Packaging

This product is shipped in pre-formed foam trays.



Part Marking

Y = LAST DIGIT OF YEAR
WW = SEQUENTIAL WEEK NUMBER



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