

Ceramic Monoblock Bandpass Filter

CTS

WIRELESS COMPONENTS

Model KFF6138A Technical Data

Features:

- Small Size
- High Performance

Description and Applications:

This 4 pole monoblock filter is designed primarily for TCAS applications at 1030 MHz in the radionavigation band.



Electrical Specifications

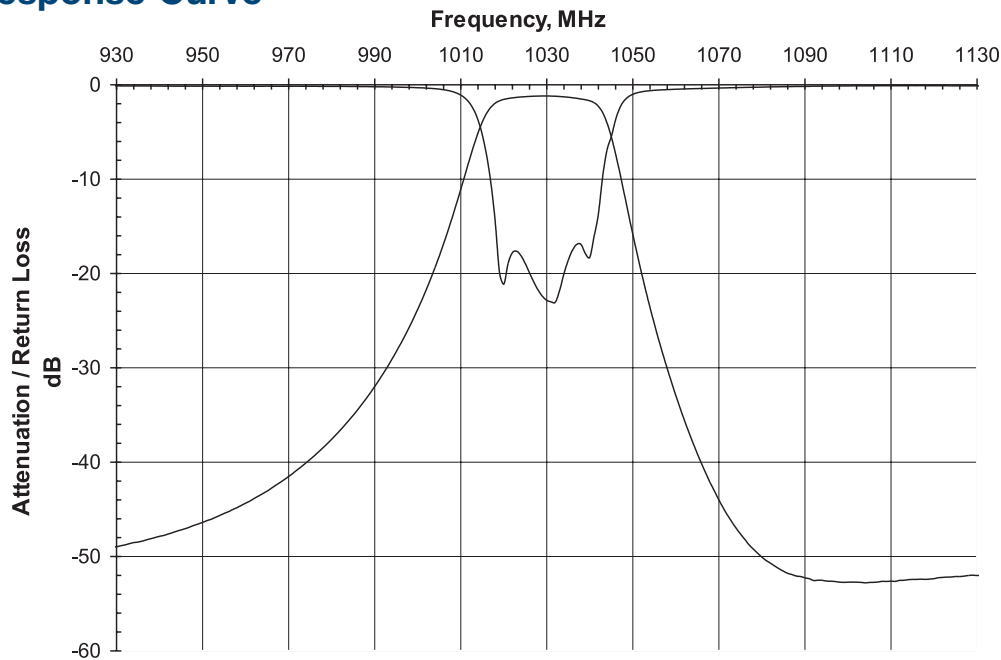
Antenna to TX Response	Frequency	Specifications @ 25° C
Insertion Loss	1027 MHz to 1033 MHz	1.7 dB max.
Forward Return Loss		12.0 dB min.
Attenuation	1005 MHz	15.0 dB min.
Attenuation	1055 MHz	18.0 dB min.
Attenuation	1090 MHz	40.0 dB min.
Power Rating		1W
Impedance		50Ω

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:

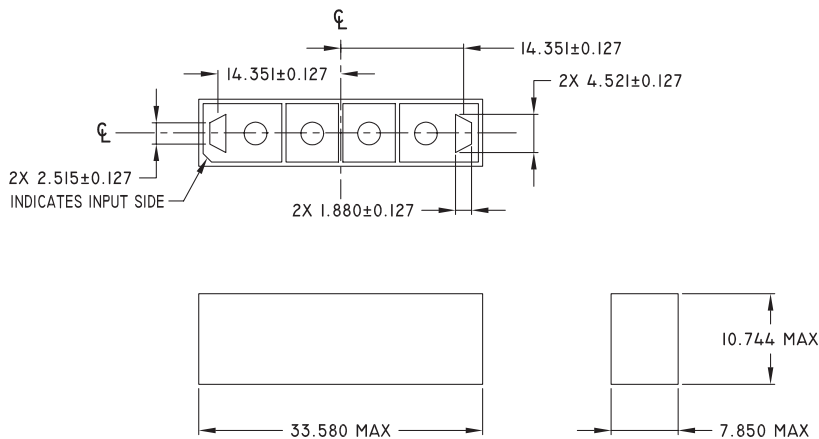
Specification	Typical Allowance
Insertion Loss	0.1dB
Return Loss	1.0dB
Stopbands	1.0dB

Rev. 1

Typical Response Curve

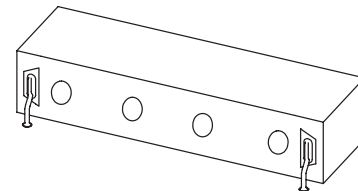


Mechanical Dimensions



ALL DIMENSIONS IN MM.

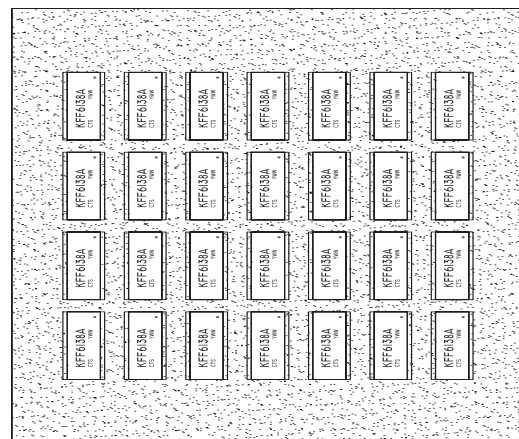
PC Board Layout



NOTE: Recommended to connect I/O pads using wire leads

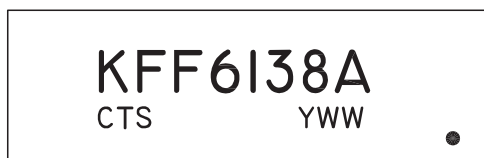
Packaging

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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