

Ceramic Monoblock Bandpass Filter

CTS

WIRELESS COMPONENTS

Model KFF6520A Technical Data

Features:

- Small Size
- High Performance
- SMD

Description and Applications:

This monoblock filter is primarily designed for INMARSAT applications in the radionavigation band at 1555 MHz.



Electrical Specifications

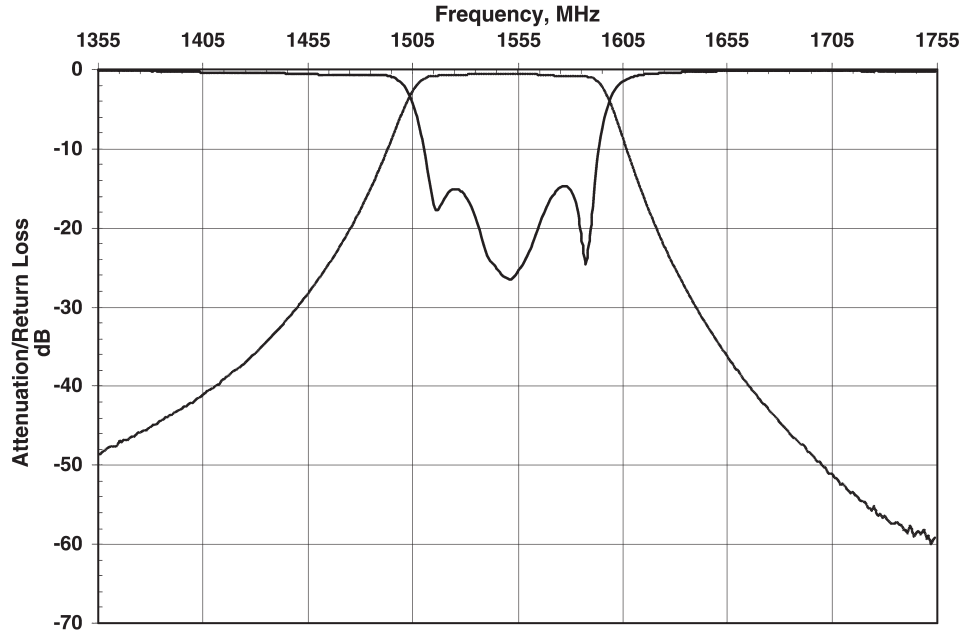
Parameters	Frequency	Specifications @ 25° C
Insertion Loss	1525 MHz to 1585 MHz	1.5 dB max.
Forward Return Loss		12.0 dB min.
Attenuation	1460 MHz	25.0 dB min.
Attenuation	1210 MHz	55.0 dB min.
Attenuation	1626.5 MHz to 1710 MHz	20.0 dB min.
Attenuation	1710 MHz to 1739 MHz	40.0 dB min.
Power Rating		1 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:

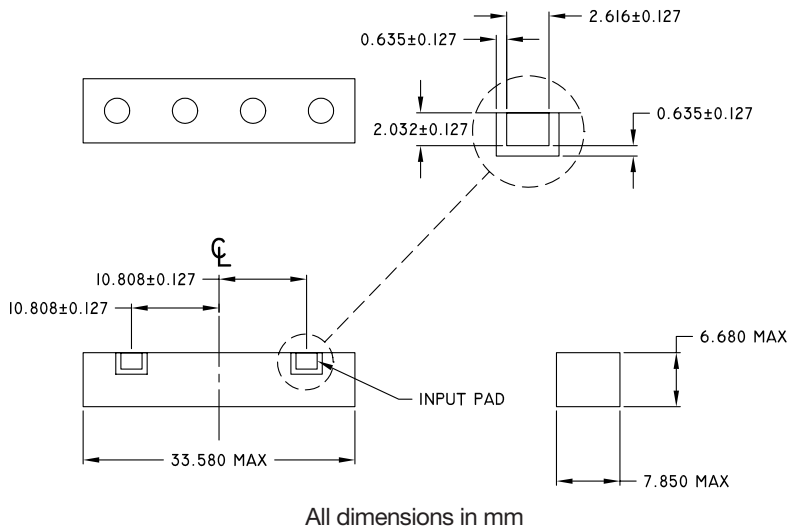
Specification	Typical Allowance
Insertion Loss	0.1 dB
Return Loss	1.0 dB
Stopbands	1.0 dB

Rev. 1

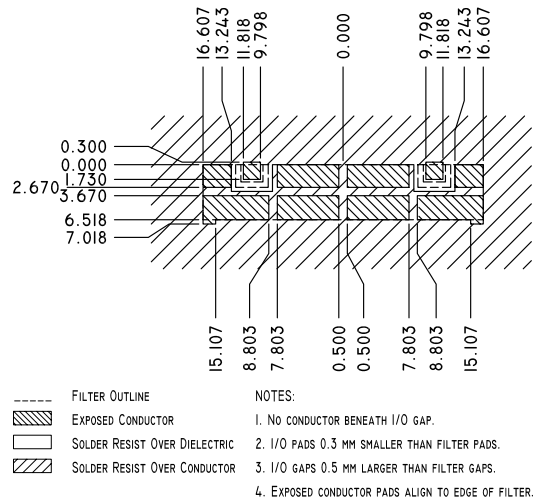
Typical Response Curve



Mechanical Dimensions

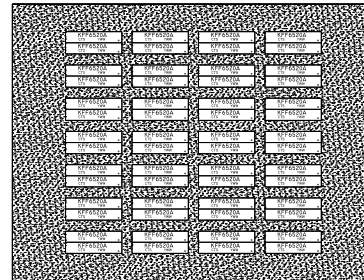


PC Board Layout



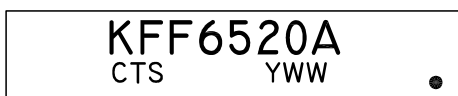
Packaging

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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Document Control #6287067Y01 Rev 1

Date of Origin 04/03/01

Date of Revision 04/03/01

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