

Ceramic Monoblock Bandpass Filter

CTS

WIRELESS COMPONENTS

Model KFF6106A Technical Data

Features:

- Small Size
- High Performance
- Rugged Bracket Mounting

Description and Applications:

This 3 pole monoblock filter is designed primarily for TCAS applications at 1090 MHz in the radionavigation band.



Electrical Specifications

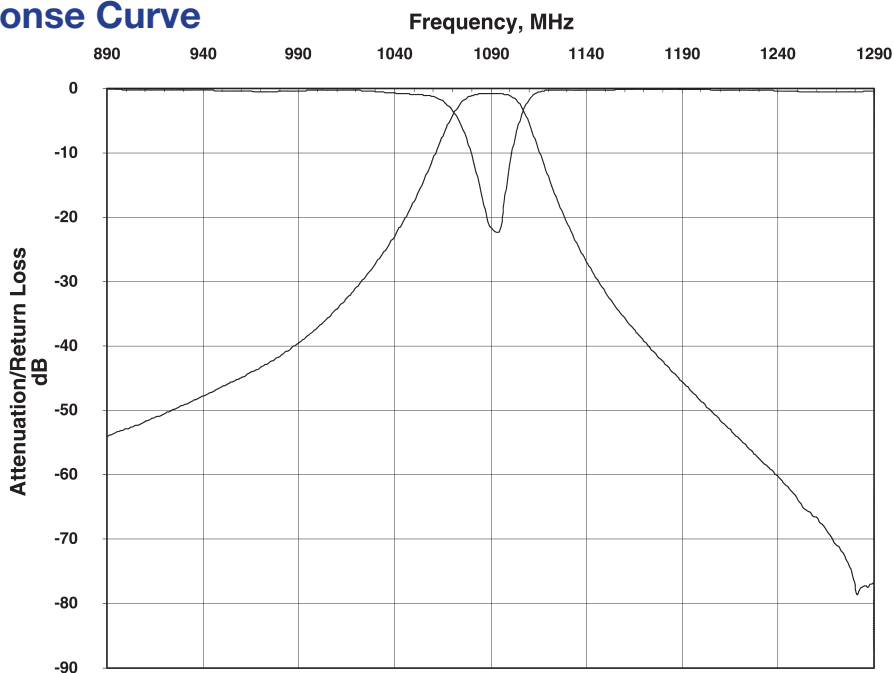
Parameters	Frequency	Specifications @ 25° C
Insertion Loss	1087 MHz to 1093 MHz	1.0 dB max.
Forward Return Loss		12.5 dB min.
Attenuation	970 MHz	40.0 dB min.
Power Rating		1 W
Impedance		50 Ω

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:

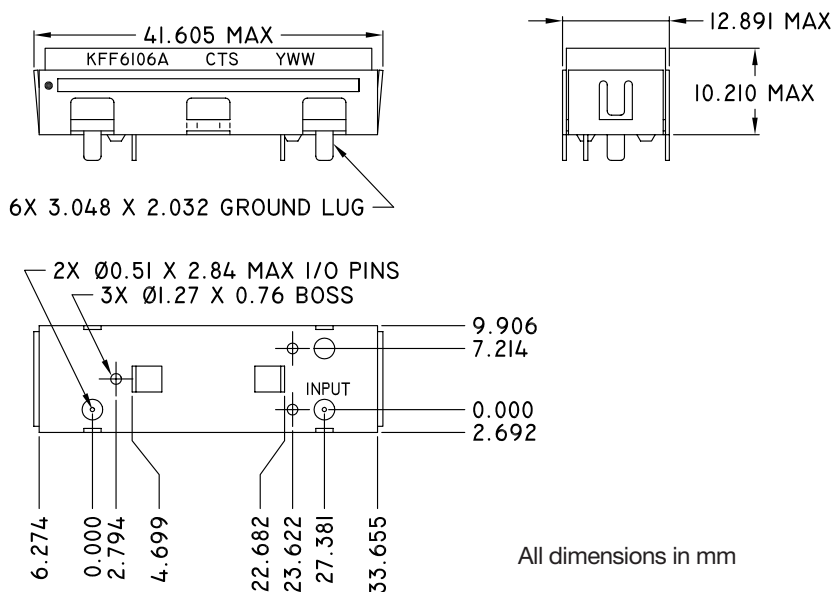
Specification	Typical Allowance
Insertion Loss	0.1 dB
Return Loss	1.0 dB
Stopbands	1.0 dB

Rev. 1

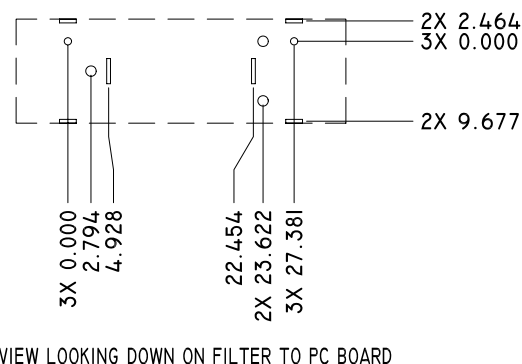
Typical Response Curve



Mechanical Dimensions

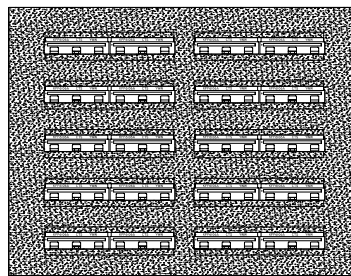


PC Board Layout



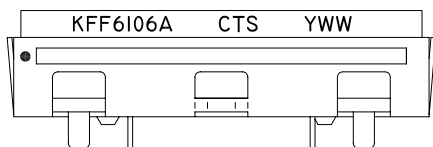
Packaging

This product is shipped in pre-formed foam trays.



Part Marking

Y = LAST DIGIT OF YEAR
WW = SEQUENTIAL WEEK NUMBER



Contact Information:

CTS WIRELESS COMPONENTS, INC. / 171 Covington Drive / Bloomingdale, IL 60108
PHONE: (800) 757-6686 / www.ctscorp.com

Document Control #6287090Y01 Rev 1

Date of Origin 04/20/01

Date of Revision 04/20/01

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