

Ceramic Monoblock Bandpass Filter

CTS

WIRELESS COMPONENTS

Model KFF6635A Technical Data

Features:

- Small Size
- High Performance
- SMD

Description and Applications:

This monoblock filter is designed for applications in the 900 MHz ISM spectrum.



Electrical Specifications

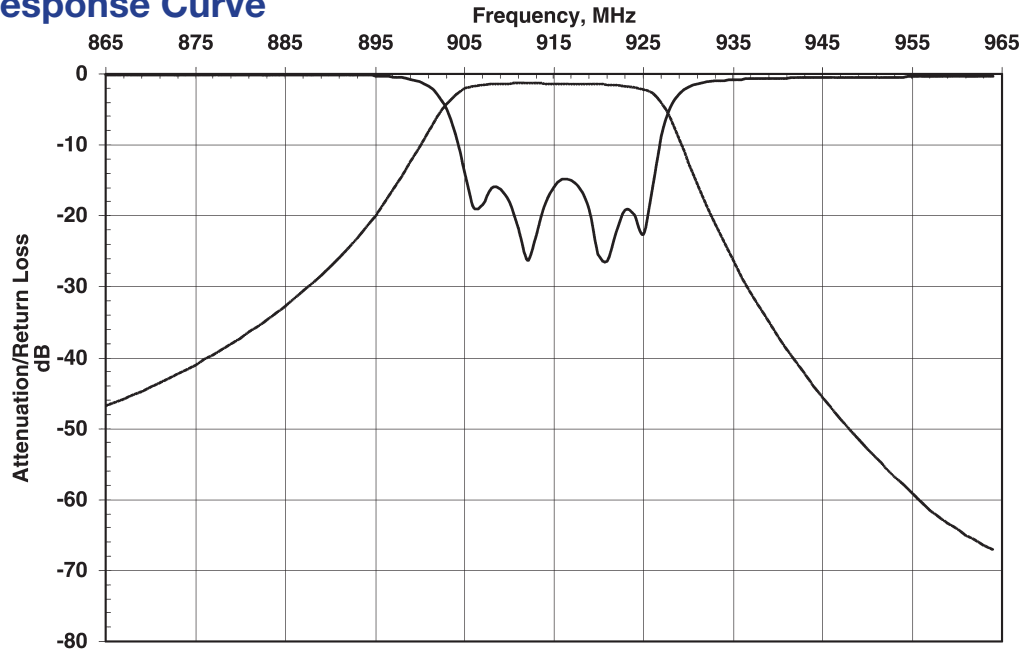
Parameters	Frequency	Specifications @ 25° C
Insertion Loss	906 MHz to 924 MHz	2.0 dB max.
Forward Return Loss		12.0 dB min.
Attenuation	899 MHz	9.0 dB min.
Attenuation	902 MHz	5.0 dB min.
Attenuation	928 MHz	5.0 dB min.
Attenuation	931 MHz	9.0 dB min.
Power Rating		1 W
Impedance		50 Ω

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:

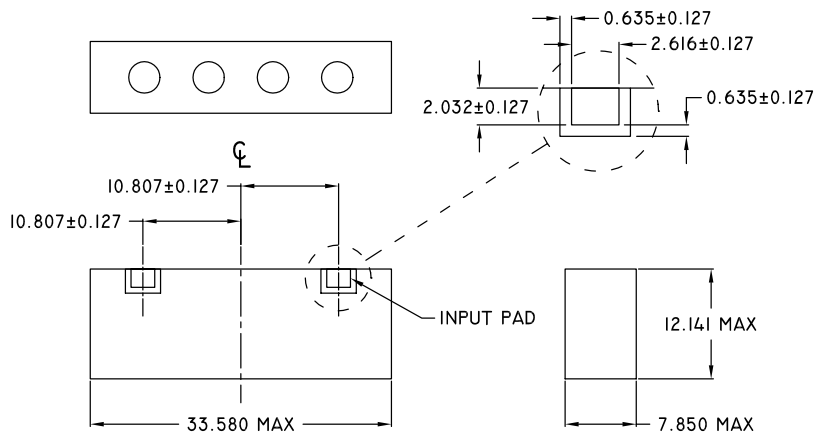
Specification	Typical Allowance
Insertion Loss	0.1 dB
Return Loss	1.0 dB
Stopbands	1.0 dB

Rev. 1

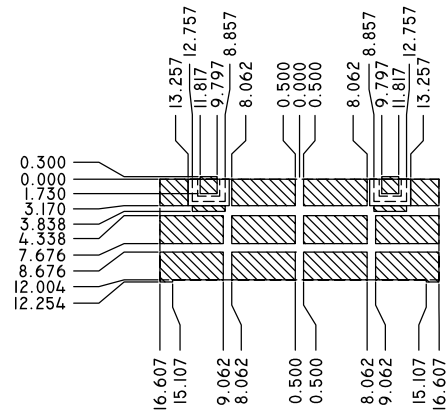
Typical Response Curve



Mechanical Dimensions



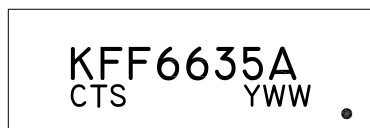
PC Board Layout



- FILTER OUTLINE
- EXPOSED CONDUCTOR
- SOLDER RESIST OVER DIELECTRIC
- NOTES:
1. NO CONDUCTOR BENEATH I/O GAP.
 2. I/O PADS 0.3 MM SMALLER THAN FILTER PADS.
 3. I/O GAPS 0.5 MM LARGER THAN FILTER GAPS.
 4. EXPOSED CONDUCTOR PADS ALIGN TO EDGE OF FILTER.

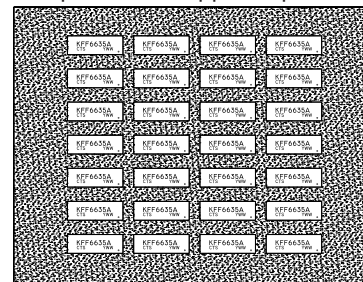
Part Marking

Y = LAST DIGIT OF YEAR
WW = SEQUENTIAL WEEK NUMBER



Packaging

This product is shipped in pre-formed foam trays.



Contact Information:

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

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