

Ceramic Monoblock Bandpass Filter

CTS

WIRELESS COMPONENTS

Model KFF6357A Technical Data

Features:

- Small Size
- High Performance
- SMD

Description and Applications:

This monoblock filter is designed for US PCS base station RX applications at 1880 MHz.



Electrical Specifications

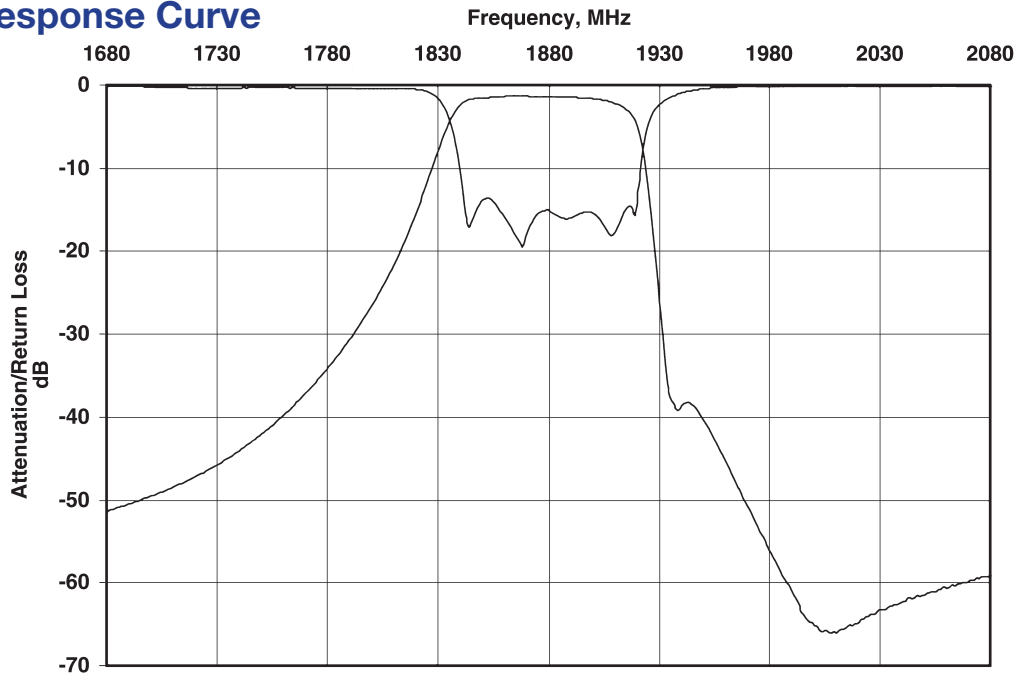
Parameters	Frequency	Specifications @ 25° C
Insertion Loss	1850 MHz to 1910 MHz	2.4 dB max.
Forward Return Loss		10.0 dB min.
Attenuation	1770 MHz	5.0 dB min.
Attenuation	1830 MHz	5.0 dB min.
Attenuation	1930 MHz	20.0 dB min.
Attenuation	1990 MHz	20.0 dB min.
Power Rating		1 W
Impedance		50 Ω

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:

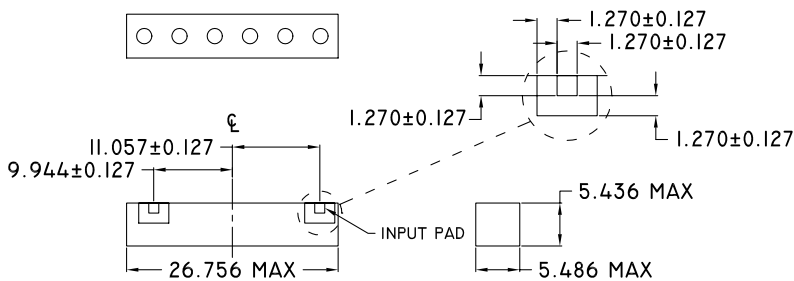
Specification	Typical Allowance
Insertion Loss	0.1 dB
Return Loss	1.0 dB
Stopbands	1.0 dB

Rev. 1

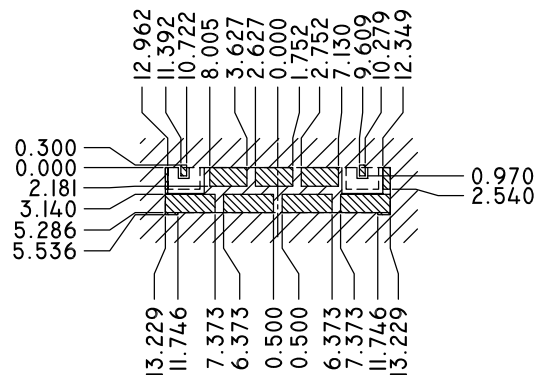
Typical Response Curve



Mechanical Dimensions



PC Board Layout



- FILTER OUTLINE
- EXPOSED CONDUCTOR
- SOLDER RESIST OVER DIELECTRIC
- SOLDER RESIST OVER CONDUCTOR
- 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

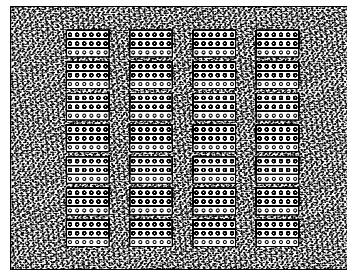
Y = LAST DIGIT OF YEAR
WW = SEQUENTIAL WEEK NUMBER

KFF6357A
CTS

YWW

Packaging

This product is shipped in pre-formed foam trays.



Contact Information:

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