

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

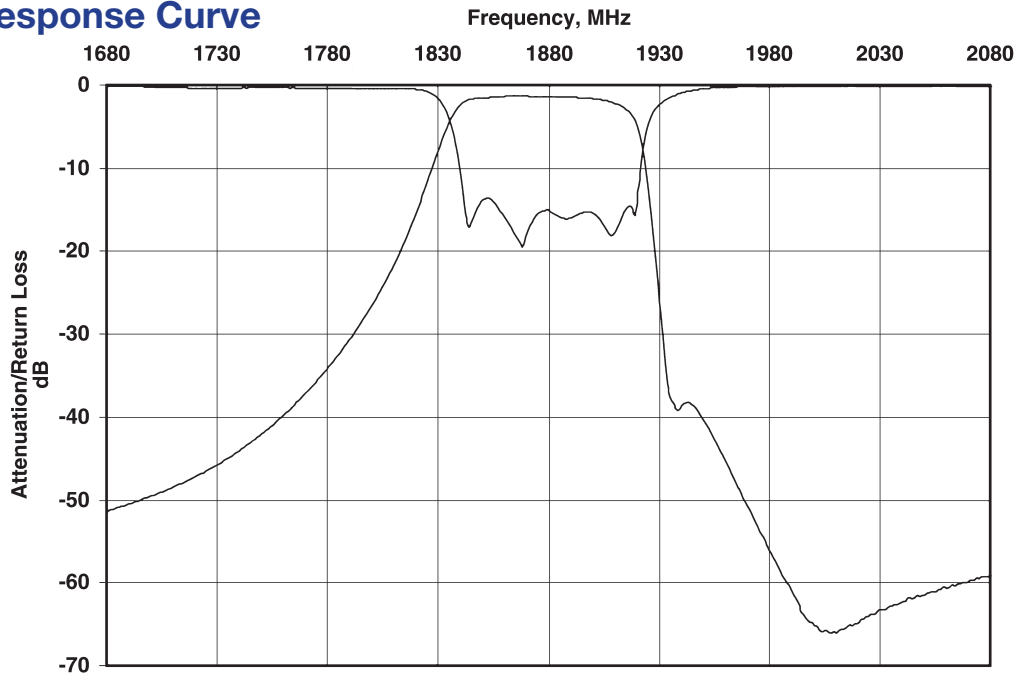
| Parameters | Frequency | Specifications @ 25° C |
|---------------------|----------------------|------------------------|
| Insertion Loss | 1850 MHz to 1910 MHz | 2.4 dB max. |
| Forward Return Loss | | 10.0 dB min. |
| Attenuation | 1770 MHz | 5.0 dB min. |
| Attenuation | 1830 MHz | 5.0 dB min. |
| 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:

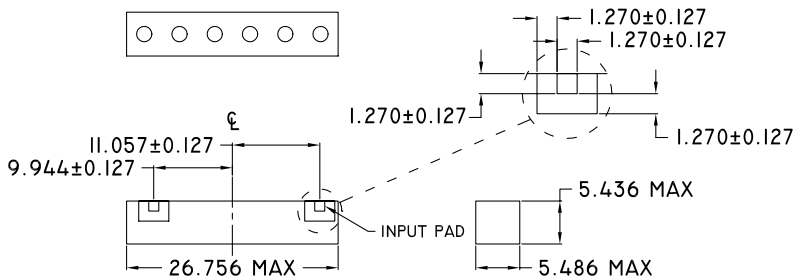
| Specification | Typical Allowance |
|----------------|-------------------|
| Insertion Loss | 0.1 dB |
| Return Loss | 1.0 dB |
| Stopbands | 1.0 dB |

Rev. 1

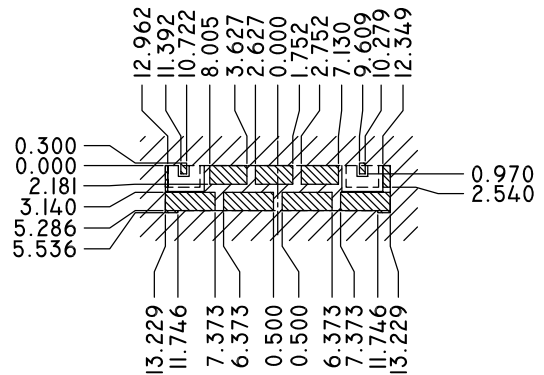
Typical Response Curve



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

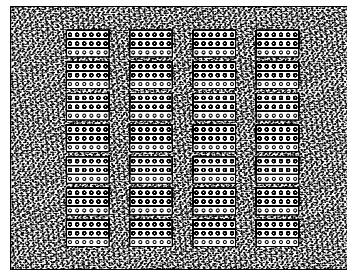
Y = LAST DIGIT OF YEAR
WW = SEQUENTIAL WEEK NUMBER

KFF6357A
CTS

YWW

Packaging

This product is shipped in pre-formed foam trays.



Contact Information:

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