

Ceramic Monoblock Bandpass Filter



WIRELESS COMPONENTS

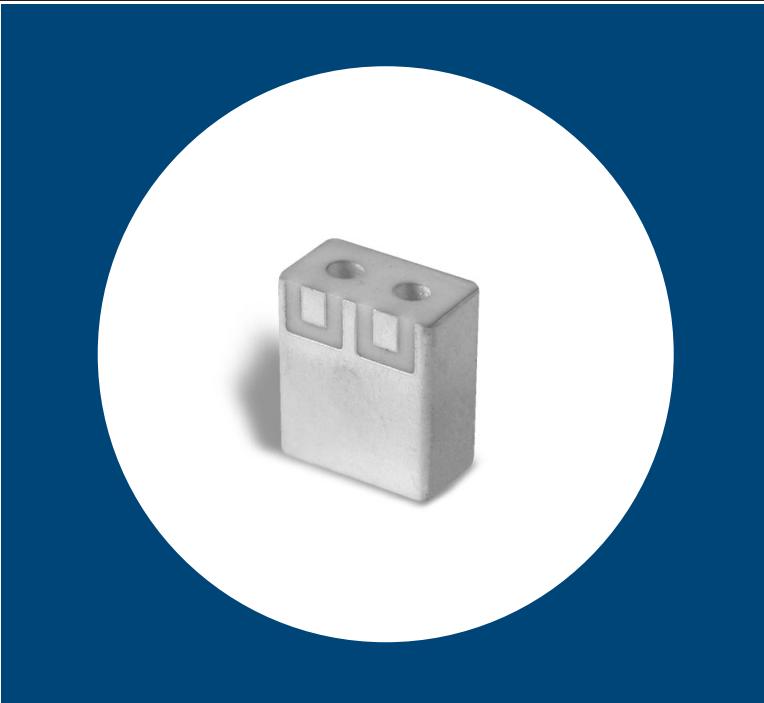
Model KFF6193A Technical Data

Features:

- Small Size
- High Performance
- SMD

Description and Applications:

This 2 pole monoblock filter is primarily designed for ISM applications at 915 MHz.



Electrical Specifications

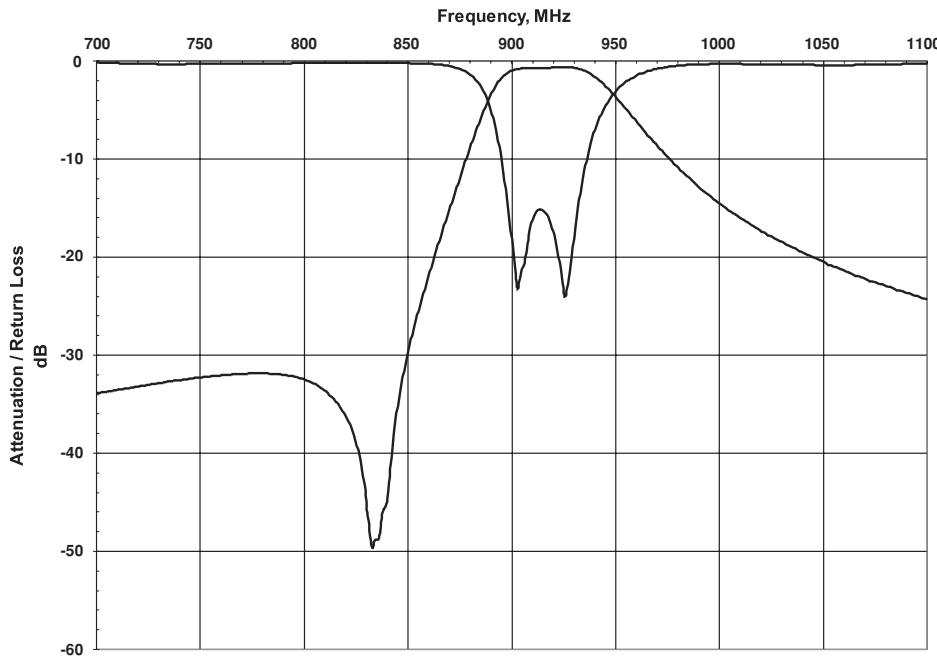
| Parameters | Frequency | Specifications @ 25°C |
|---------------------|--------------------|-----------------------|
| Insertion Loss | 902 MHz to 928 MHz | 2.0 dB max. |
| Forward Return Loss | | 10.0 dB min. |
| Attenuation | 710 MHz | 30.0 dB min. |
| | | |
| Power Rating | | 1W |
| Impedance | | 50Ω |

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:

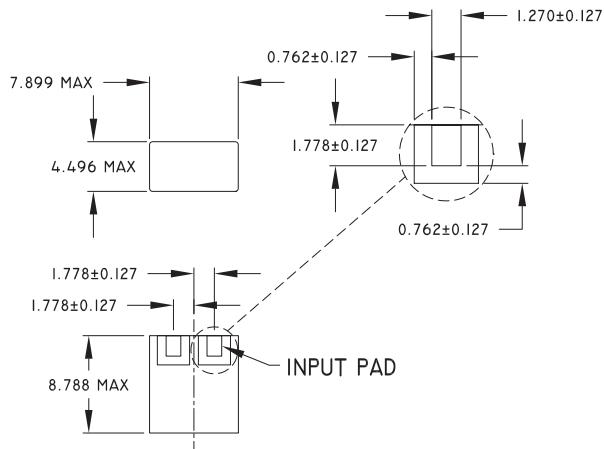
| Specification | Typical Allowance |
|----------------|-------------------|
| Insertion Loss | 0.1dB |
| Return Loss | 1.0dB |
| Stopbands | 1.0dB |

Rev. 1

Typical Response Curve



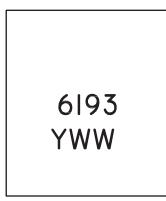
Mechanical Dimensions



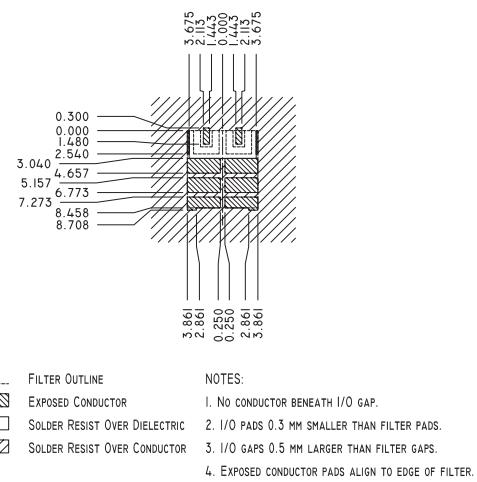
NOTE: RESONATOR HOLES NOT SHOWN.
ALL DIMENSIONS IN MM.

Part Marking

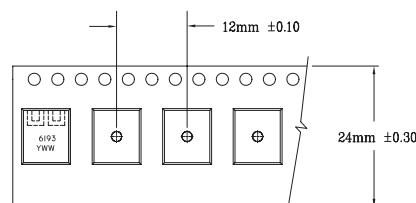
Y = LAST DIGIT OF YEAR
WW = SEQUENTIAL WEEK NUMBER



PC Board Layout



Packaging



THIS PRODUCT IS SHIPPED IN REELED TAPES.
1000 PIECES PER REEL.
4.17 LBS PER REEL.

Contact Information:

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