

Ceramic Monoblock Bandpass Filter



WIRELESS COMPONENTS

Model KFF6450A Technical Data

Features:

- Small Size
- High Performance
- SMD

Description and Applications:

This monoblock filter is primarily designed for Inmarsat applications at 1643.5 MHz.



Electrical Specifications

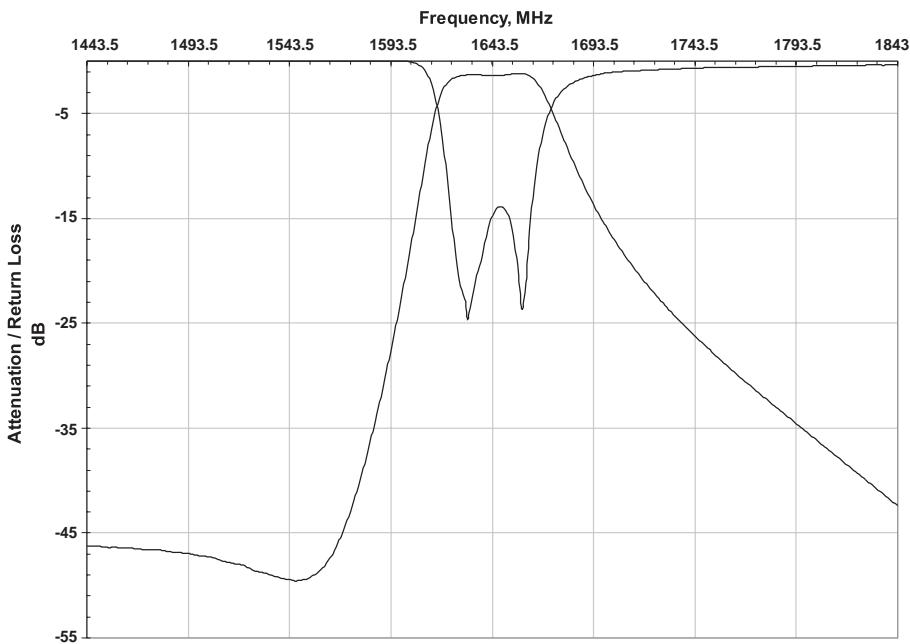
Parameters	Frequency	Specifications @ 25°C
Insertion Loss	1626.5 MHz to 1660.5 MHz	2.2 dB max.
Forward Return Loss		10.0 dB min.
Attenuation	1576.5 MHz	30.5 dB min.
Attenuation	1751.5 MHz	24.5 dB min.
Power Rating		1W
Impedance		50Ω

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:

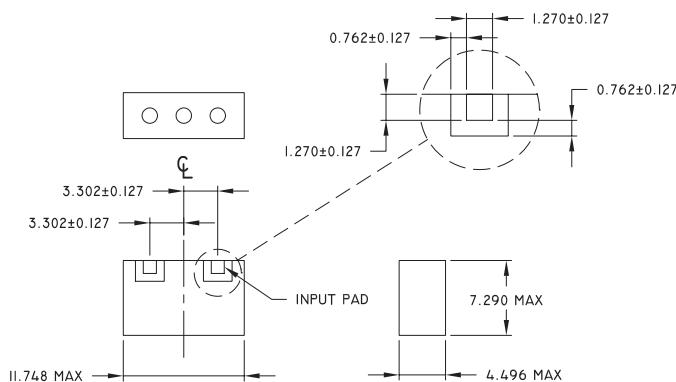
Specification	Typical Allowance
Insertion Loss	0.1dB
Return Loss	1.0dB
Stopbands	1.0dB

Rev. 0

Typical Response Curve



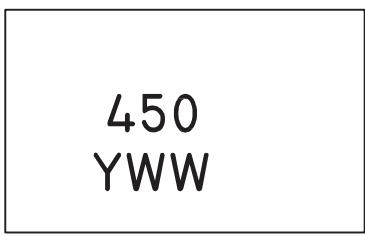
Mechanical Dimensions



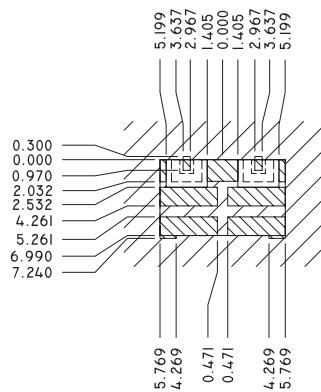
ALL DIMENSIONS IN MM.

Part Marking

Y = LAST DIGIT OF YEAR
 WW = SEQUENTIAL WEEK NUMBER



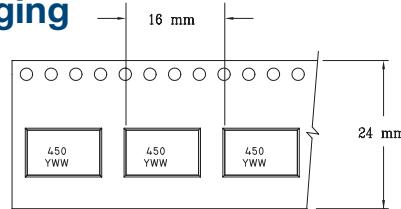
PC Board Layout



■ FILTER OUTLINE
 □ EXPOSED CONDUCTOR
 ▨ SOLDER RESIST OVER DIELECTRIC
 ▨ SOLDER RESIST OVER CONDUCTOR

NOTES:
 1. NO CONDUCTOR BELOW 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.

Packaging



THIS PRODUCT IS SHIPPED IN REELED TAPES.
 800 PCS MAXIMUM PER REEL.
 6 LBS MAXIMUM WEIGHT PER REEL.

Contact Information:

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