

Ceramic Monoblock Bandpass Filter



WIRELESS COMPONENTS

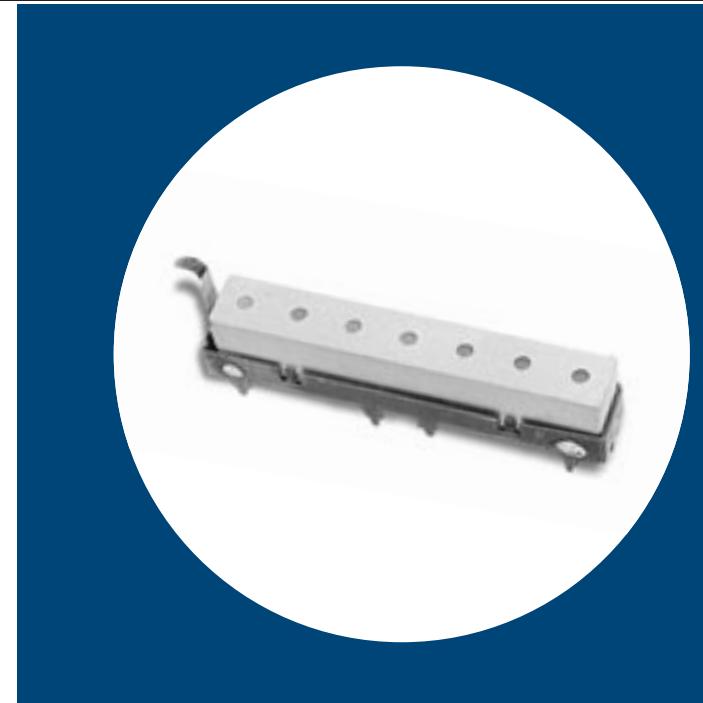
Model CER0039A Technical Data

Features:

- High Performance
- Rugged Bracket Mounting

Description and Applications:

This 7 pole monoblock filter is primarily designed for Land Mobile applications at 455 MHz.



Electrical Specifications

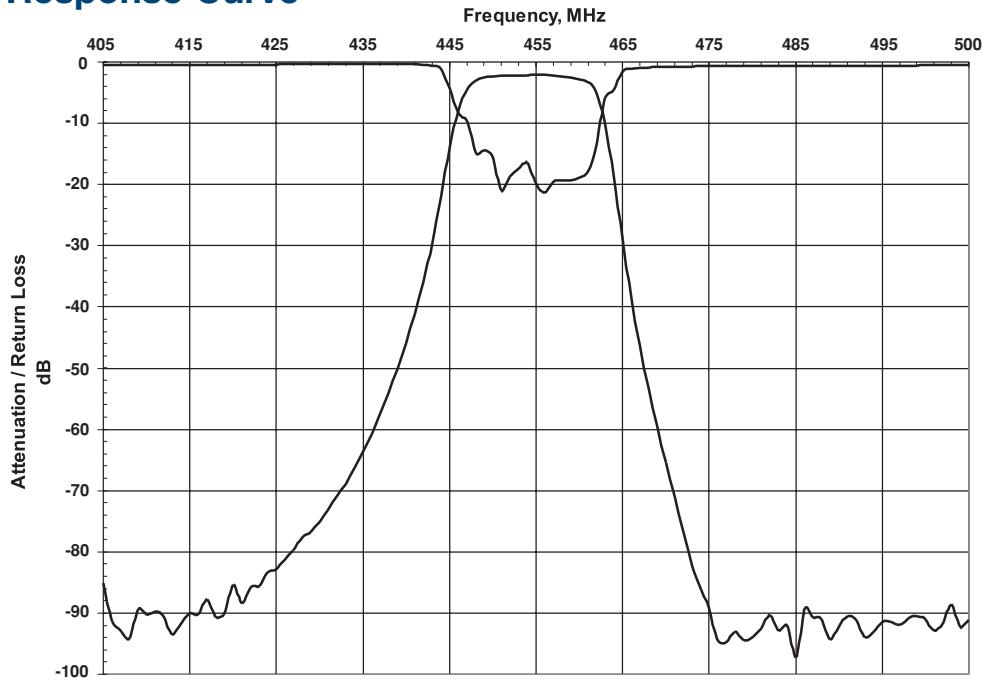
Parameters	Frequency	Specifications @ 25°C
Insertion Loss	450 MHz to 460 MHz	3.4 dB max.
Forward Return Loss		10.0 dB min.
Attenuation	471 MHz	50.0 dB min.
Attenuation	493 MHz	50.0 dB min.
Impedance		50Ω

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:

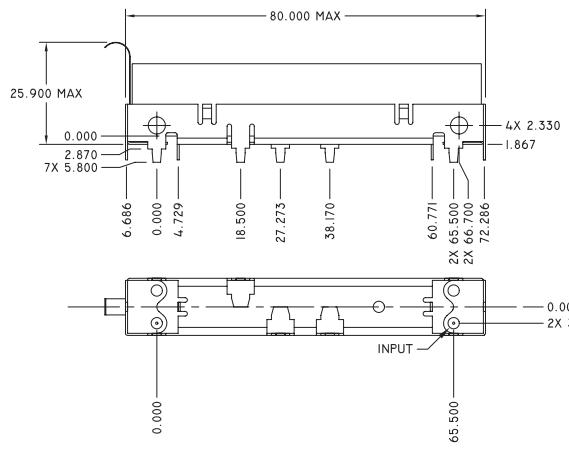
Specification	Typical Allowance
Insertion Loss	0.1dB
Return Loss	1.0dB
Stopbands	1.0dB

Rev. 2

Typical Response Curve



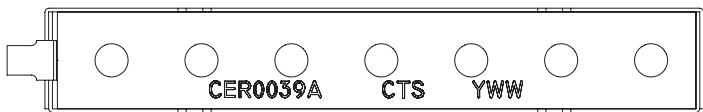
Mechanical Dimensions



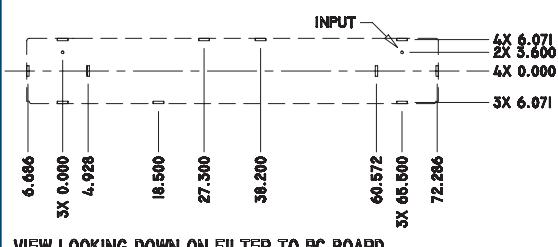
ALL DIMENSIONS IN MM.

Part Marking

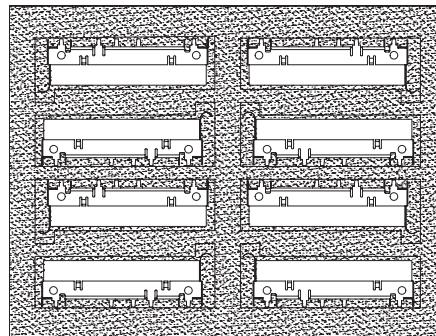
Y = LAST DIGIT OF YEAR
WW = SEQUENTIAL WEEK NUMBER



PC Board Layout



Packaging



This product is shipped in pre-formed foam trays.

Contact Information:

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