

Ceramic Monoblock GPS Filter



WIRELESS COMPONENTS

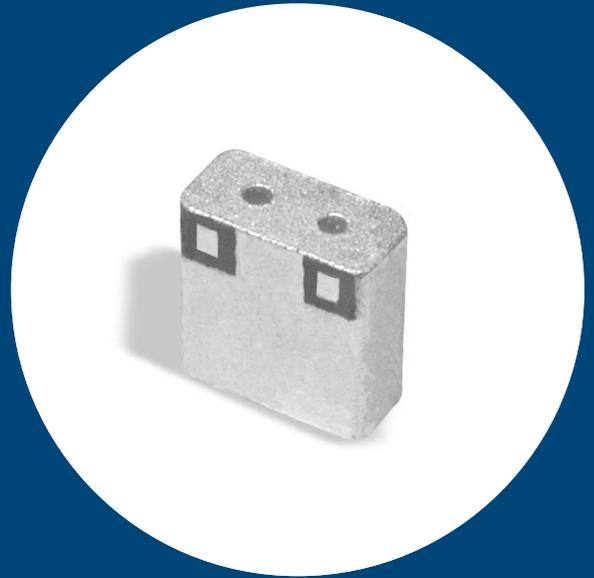
Model CER0032A Technical Data

Features:

- Very Small Size
- Excellent Rejection at Cellular, PCS, and Bluetooth Frequencies
- SMD

Description and Applications:

This monoblock GPS filter is designed to be used with all handset protocols.



Electrical Specifications

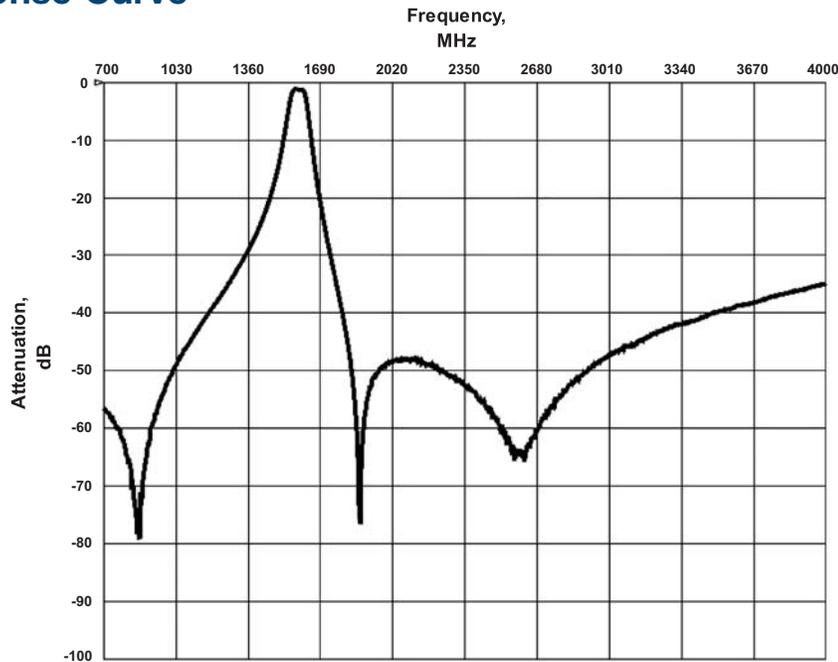
Parameters	Frequency	Specifications @ 25° C
Insertion Loss	1573.42 MHz to 1577.42 MHz	1.5 dB max.
Forward Return Loss		11.0 dB min.
Attenuation	824 MHz - 849 MHz	50.0 dB min.
Attenuation	1850 MHz - 1910 MHz	45.0 dB min.
Attenuation	1710 MHz - 1785 MHz	15.0 dB min.
Attenuation	2400 MHz - 2484 MHz	42.0 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:

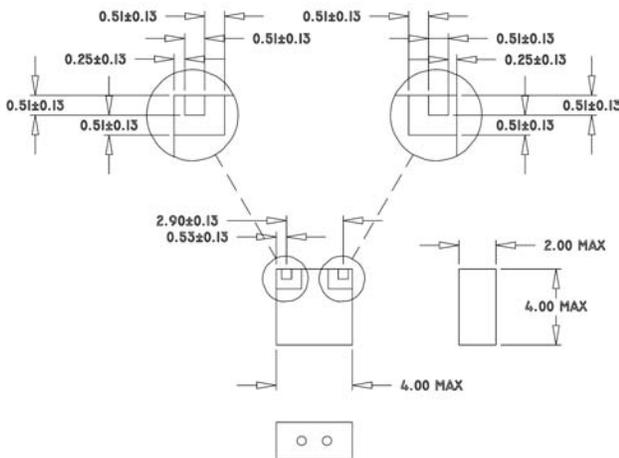
Specification	Typical Allowance
Insertion Loss	0.1dB
Return Loss	1.0dB
Stopbands	1.0dB

Rev. 1

Typical Response Curve

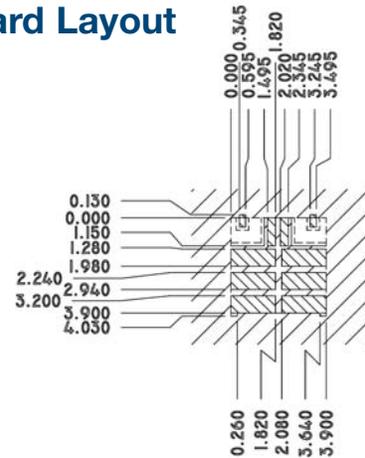


Mechanical Dimensions



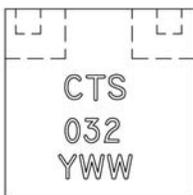
ALL DIMENSIONS IN MM.

PC Board Layout



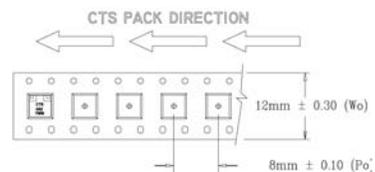
- FILTER OUTLINE
 EXPOSED CONDUCTOR
 SOLDER RESIST OVER DIELECTRIC
 SOLDER RESIST OVER CONDUCTOR
- NOTES:**
 1. NO CONDUCTOR BENEATH I/O GAP.
 2. I/O PADS 0.13 MM SMALLER THAN FILTER PADS.
 3. I/O GAPS 0.13 MM LARGER THAN FILTER GAPS.

Part Marking



Y = LAST DIGIT OF YEAR
 WW = SEQUENTIAL WEEK NUMBER

Packaging



THIS PRODUCT IS SHIPPED IN REELED TAPES.
 1000 PCS MAXIMUM PER REEL.
 2.45 KG MAXIMUM WEIGHT PER REEL.

Contact Information:

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