



Rev. X4VH

Features

- Low Loss
- Narrow Bandwidth
- Excellent Return Loss

Description

Pin mounted, silver (Ag) coated ceramic filter. Developed for use in TCAS applications.

Weight: 20.1 grams typical

Material: Filter is composed of a ceramic block plated with Ag and a bracket made of 60-40 tin lead plated cold roll steel.

Filter complies with RoHS standards.

Electrical Specifications



Parameter	Frequency (MHz)	Typical @ 25ºC	Spec. @ 25⁰C
Passband Insertion Loss	1087-1093	0.7 dB	1.0 dB max
Passband Return Loss	1087-1093	18.0 dB	12.5 dB min
Attenuation	970	44.0 dB	40.0 dB min

Note: Supplier shall test each filter to the critical electrical specifications of the above table. Any subsequent audits may deviate from in value due to measurement repeatability among different test systems. Such deviations shall not exceed the following limits:

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

Document No. 008-0256-0	Page 1 of 2		Re
CTS Electronic Components ·	www.ctscorp.com · 171 Covington Drive	• Bloomingdale, IL	60108 ·





Mechanical Drawing



6X 3.048 X 2.032 GROUND LUG



2X Ø0.5I X 2.84 MAX I/O PINS 3X ØI.27 X 0.76 BOSS 9.906 ♦⊖ 7.214 INPUT ስ 0.000 **(**) 2.692 22.682 23.622 27.381 274 0.000 4.699 655 All dimensions in mm Ś 33.

Electrical response



PCB Layout



VIEW LOOKING DOWN ON FILTER TO PC BOARD

Packaging and Marking



This product is shipped in pre-formed foam trays.



5 10 Slot foam Trays

(100 max. per box)

Document No. 008-0256-0

Page 2 of 2

Rev. X4VH