



#### Features

- Narrow Bandwidth
- Excellent Return Loss
- Small Size

### Description

Rugged mount, silver (Ag) coated ceramic filter. Developed for use in TCAS applications.

Weight: 5.4 grams typical

Material: Filter is composed of a ceramic block plated with Ag.

Filter complies with RoHS standards.

#### **Electrical Specifications**



Parameter	Frequency (MHz)	Typical @ 25ºC	Spec. @ 25⁰C
Passband Insertion Loss	1095	1.1 dB	1.4 dB max
Passband Return Loss	1095	18.0 dB	16.0 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		

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## **Mechanical Drawing**



## **Electrical response**



Dim	Nominal (mm)	Tolerance (mm) +/- or max
Α	11.569	max
В	10.109	max
С	11.569	max
D	4.445	0.127
E	4.445	0.127
F	0.472	0.127
G	1.041	0.127
	3.835	0.127
J	1.549	0.127
K	1.295	0.127

# **PCB** Layout



### MOUNTING VARIES BY INDIVIDUAL CUSTOMER.

**Packaging and Marking** 



This product is shipped in pre-formed foam trays.

10 28 slot Foam Trays

(840 max. per box)

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