

Features

- Narrow Bandwidth
- Excellent Rejection
- Good Power Handling

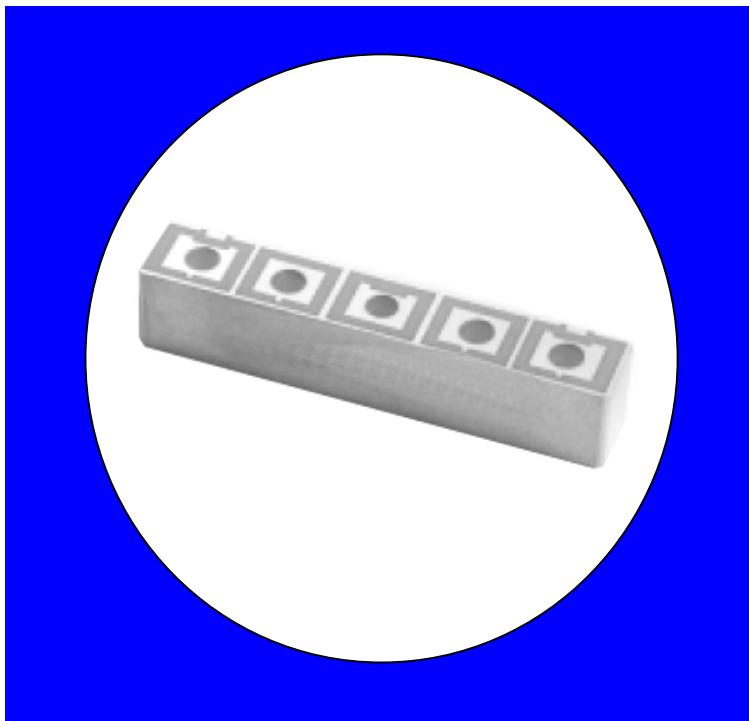
Description

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

Weight: 15.1 grams typical

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

Filter complies with RoHS standards.

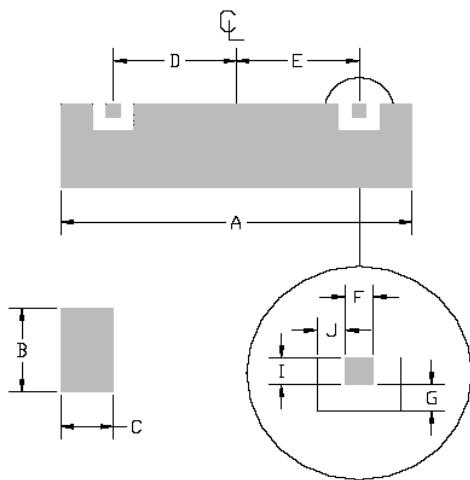
**Electrical Specifications**

Parameter	Frequency (MHz)	Typical @ 25°C	Spec. @ 25°C
Passband Insertion Loss	1085-1095	4.2 dB	4.5 dB max
Passband Return Loss	1085-1095	10.5 dB	10.0 dB min
Attenuation	1065	57.2 dB	55.0 dB min
Attenuation	1113	67.3 dB	55.0 dB min
Power Rating			5W
Impedance			50 Ω

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

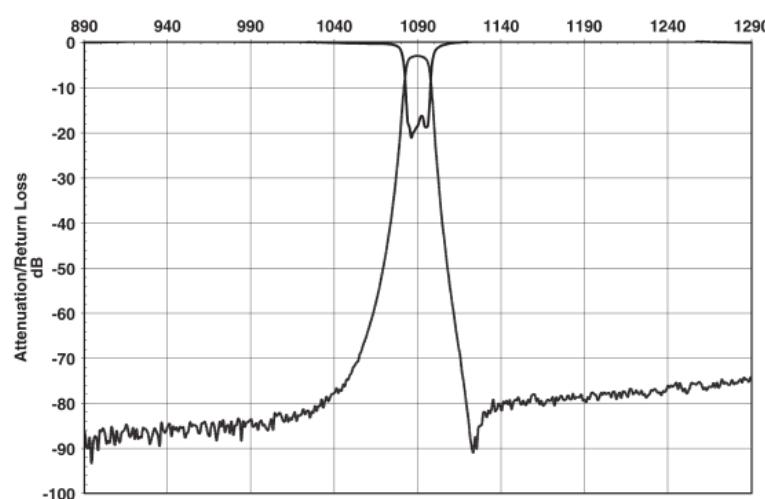
Mechanical Drawing



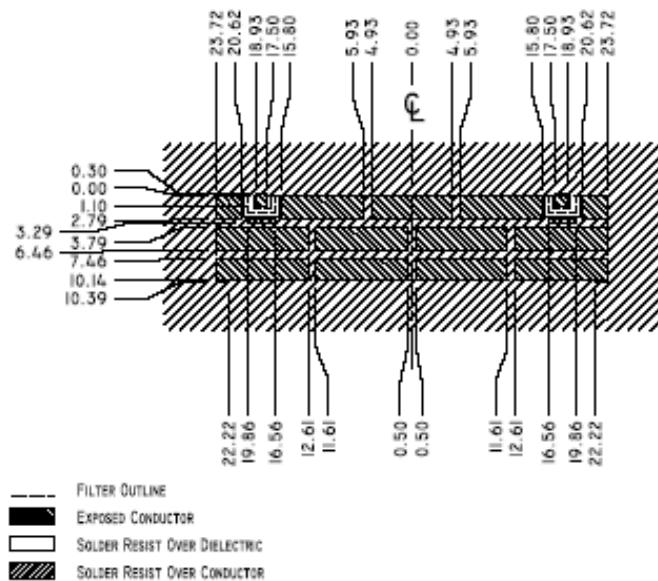
Dim	Nominal (mm)	Tolerance (mm) +/- or max
A	47.921	max
B	10.287	max
C	7.850	max
D	18.212	0.127
E	18.212	0.127
F	2.032	0.127
G	0.635	0.127
I	1.397	0.127
J	0.635	0.127

Electrical response

Frequency, MHz

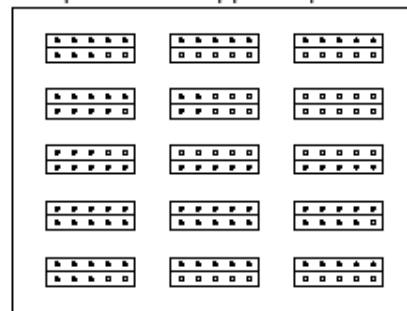


PCB Layout



Packaging and Marking

This product is shipped in pre-formed foam trays.



KFF6444A
CTS YWW

7 15 Slot Foam Trays
(210 per box max)