

Features

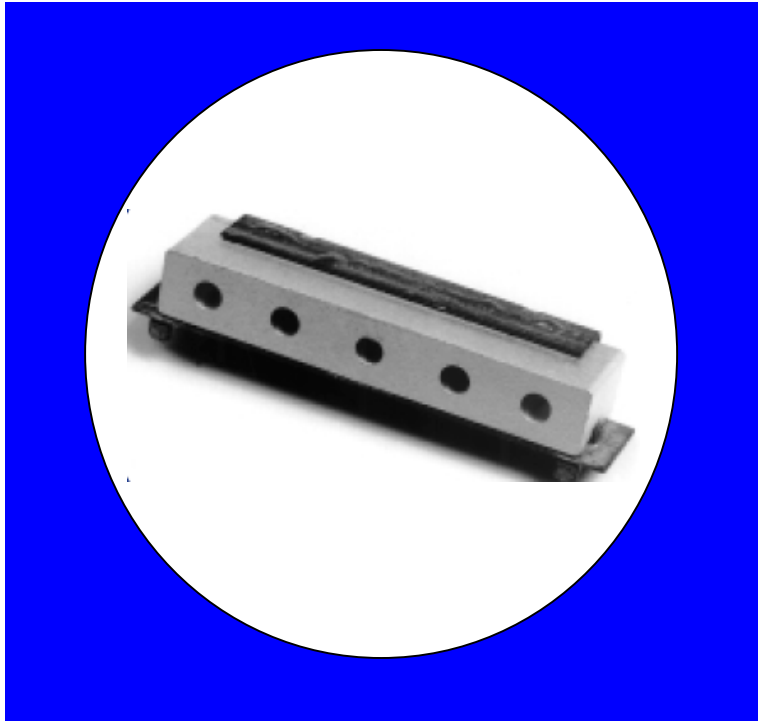
- High Rejection
- Low Loss
- Symmetrical Attenuation

Description

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

Weight: 20.4 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.

**Electrical Specifications**

Parameter	Frequency (MHz)	Typical @ 25°C	Spec. @ 25°C
Passband Insertion Loss	1025-1035	2.0 dB	2.5 dB max
Passband Return Loss	1025-1035	15.0 dB	10.0 dB min
Attenuation	1000	25.0 dB	18.0 dB min
	1100	45.0 dB	35.0 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

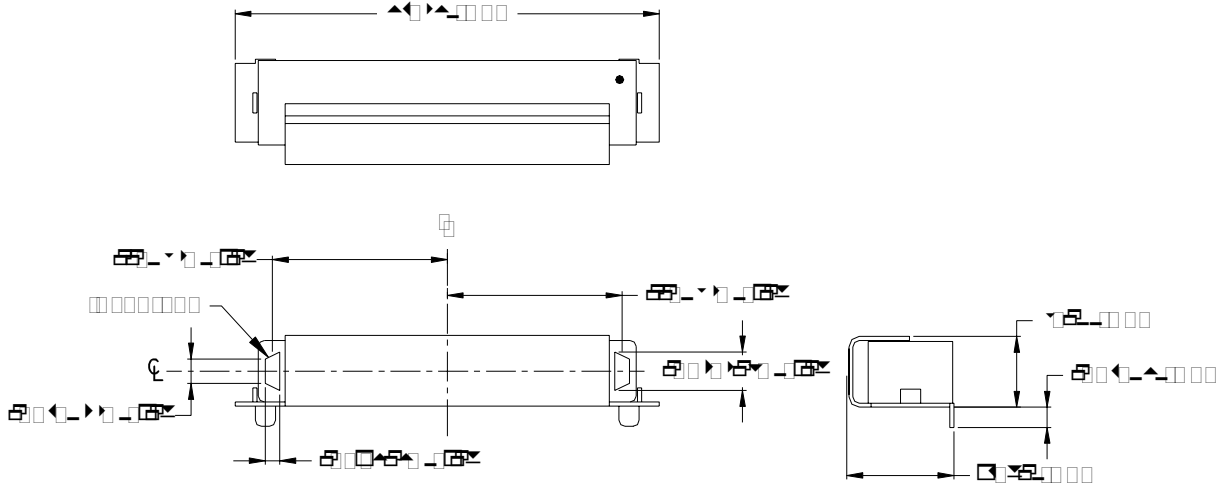
Insertion Loss	0.1 dB
Return Loss	1.0 dB
Stopbands	1.0 dB

*This product is covered by one or more of the following U.S. and foreign patents including: US 4,692,726;US 4,742,562; US 4,800,348;US 4,829,274;US 5,146,193;EP 0573597;DE 0573597;FR 0573597;JP 508149/92;KR 142171;US 5,162,760;US 5,218,329;US 5,250,916;US 5,327,109;US 5,488,335;CA 2114029;FR 9306297;GB 2273393;JP 3205337;KR 115113;CN 93106228.4;US 5,512,866;EP 0706719;DE 0706719;FR 0706719;GB 0706719;CN 95190359.4;US 5,602,518;US 5,721,520;US 5,745,018;EP 0910875;DE 0910875;DK 0910875;FR 0910875;GB 0910875;IE 0910875;JP 505182/98;KR 10-323013;US 5,994,978;US 6,462,629;CN 00810420.4;US 6,559,735;US 6,650,202;US 6,834,429. Other US and foreign patents pending.

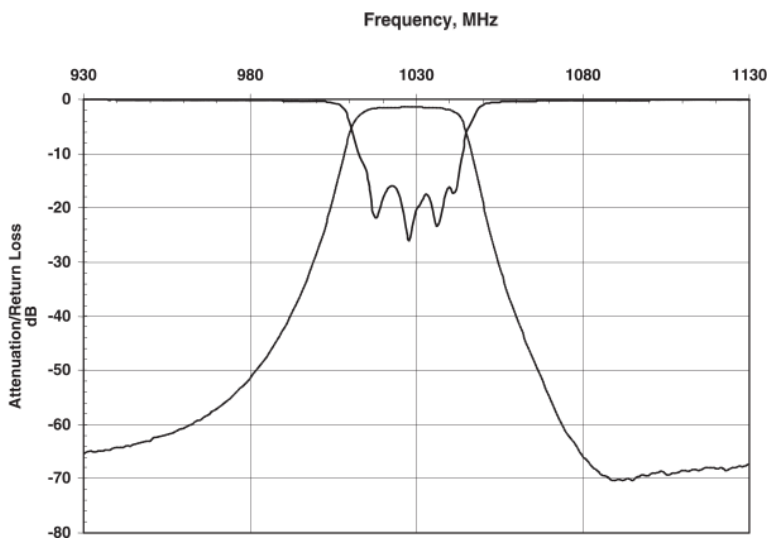
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Mechanical Drawing

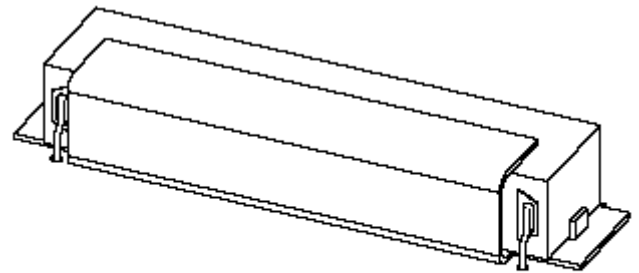
Rev 1 – Origin Date: July 11, 2005 – Revision Date: August 24, 2005



Electrical response

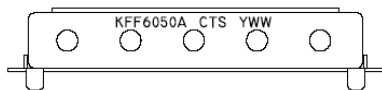


PCB Layout

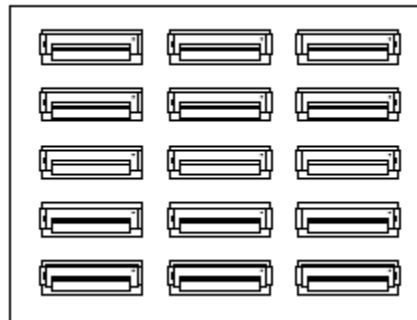


MOUNTING VARIES BY INDIVIDUAL CUSTOMER.

Packaging and Marking



This product is shipped in pre-formed foam trays.



7 15 Slot Foam Trays

(100 max per box)

Mouser Electronics

Authorized Distributor

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