

Features

- Low Loss
- Symmetrical Attenuation
- High Rejection

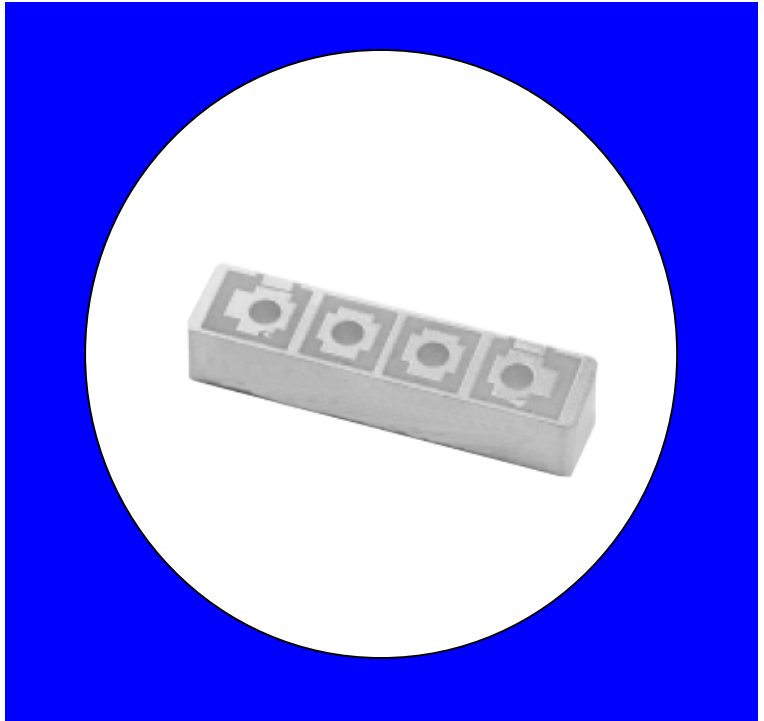
Description

Surface mount, silver (Ag) coated ceramic filter. Developed for use in subscriber and infrastructure InMarSat applications.

Weight: 7.03 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	1525-1585	1.2 dB	1.5 dB max
Passband Return Loss	1525-1585	15.0 dB	12.0 dB min
Attenuation	1460	28.0 dB	25.0 dB min
Attenuation	1210	58.0 dB	55.0 dB min
Attenuation	1626.5	22.0 dB	20.0 dB min
Attenuation	1710	52.0 dB	40.0 dB min
Power Rating			1W
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:

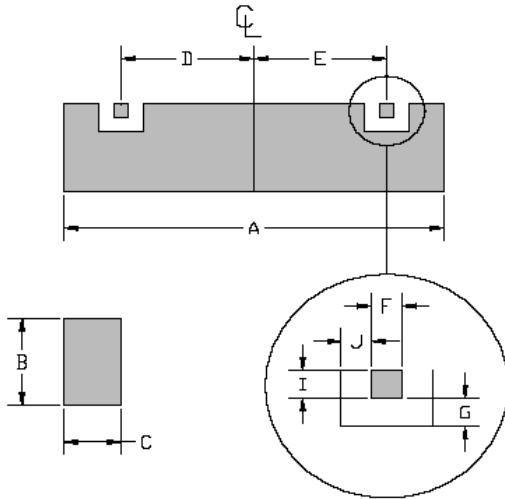
Specification Allowance

Insertion Loss	0.1 dB
Return Loss	1.0 dB
Stopbands	1.0 dB

*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.

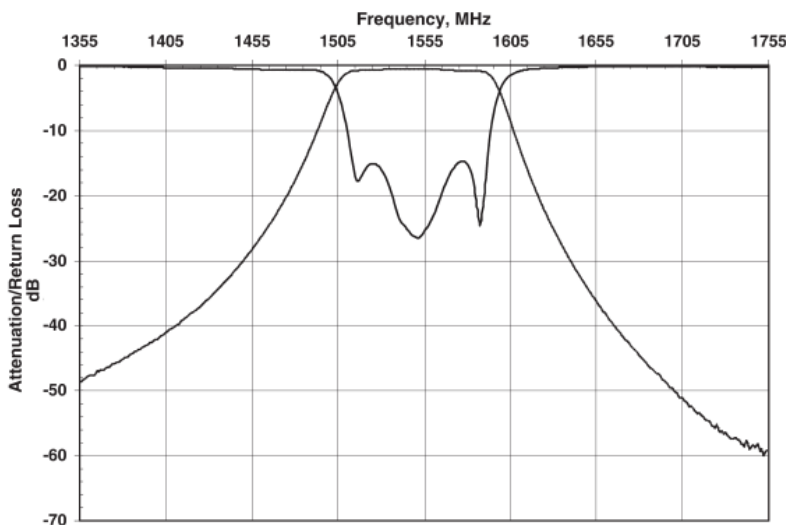
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Mechanical Drawing

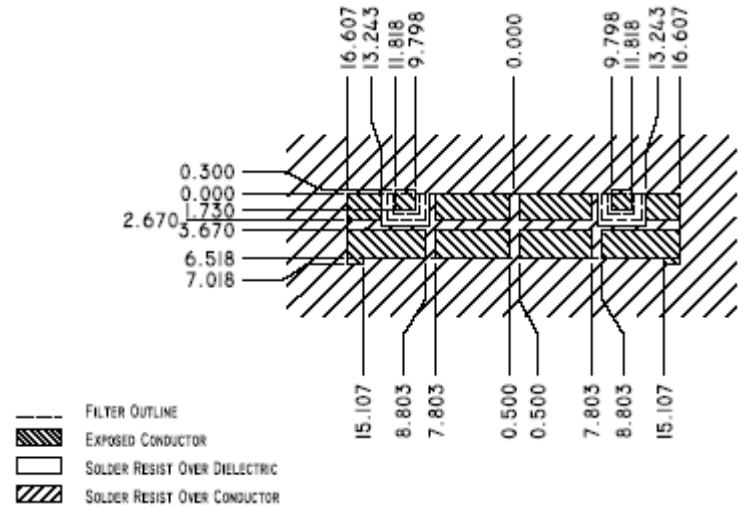


Dim	Nominal (mm)	Tolerance (mm) +/- or max
A	33.580	max
B	6.68	max
C	7.850	max
D	10.808	0.127
E	10.808	0.127
F	2.616	0.127
G	0.635	0.127
I	2.032	0.127
J	0.635	0.127

Electrical response



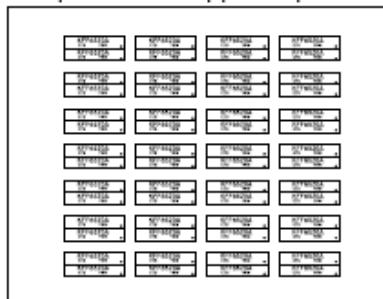
PCB Layout



Packaging and Marking

This product is shipped in pre-formed foam trays.

KFF6520A
CTS YWW



10 28 Slot Foam Trays

560 per box