

### Features

- Low Loss
- Excellent Rejection
- Small Size

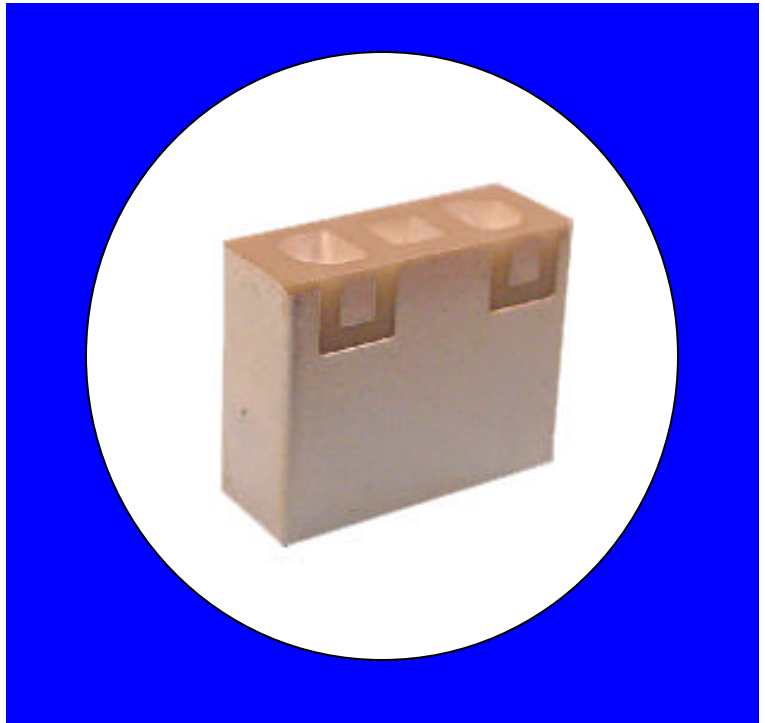
### Description

Surface mount, silver (Ag) coated ceramic filter. Developed for use in Military GPS L2 applications.

Weight: 2.13 grams typical

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

Filter complies with RoHS standards.



### Electrical Specifications

Parameter	Frequency (MHz)	Typical @ 25°C	Spec. @ 25°C
Passband Insertion Loss	1217.6 – 1237.6	1.10 dB	1.5 dB max
Passband Return Loss	1217.6 – 1237.6	16.0 dB	10.0 dB min
Attenuation:	1087.6	46.2 dB	35 dB min
	1192.6	20.6 dB	7 dB max
	1262.6	9.5 dB	7 dB min
	1367.6	34.2 dB	30 dB min
Power into any port		1 Watt max	

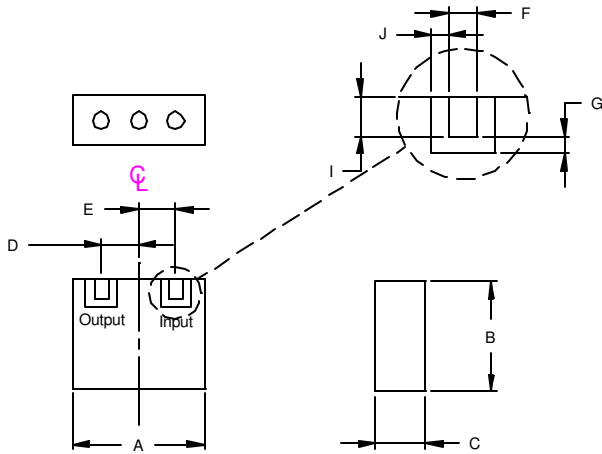
Note: Supplier shall test each filter to the critical electrical specifications of the above table. Any subsequent audits may deviate from in value due to measurement repeatability among different test systems. Such deviations shall not exceed the following limits:

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;P 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 50518298;KR 10-323013;US 5,994,976;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.

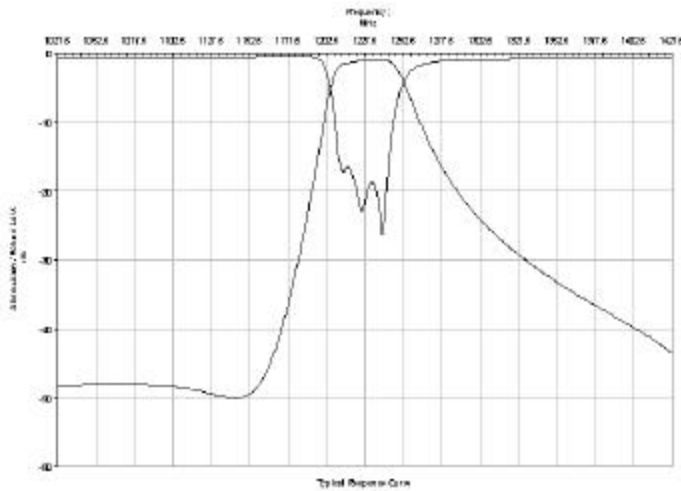
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## Mechanical Drawing

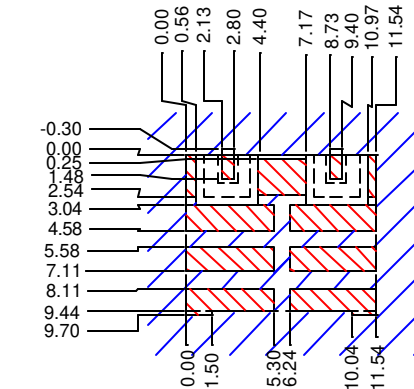


Dim	Nominal (mm)	Tolerance (mm) +/- or max
A	11.75	Max
B	9.92	Max
C	4.50	Max
D	3.30	0.127
E	3.30	0.127
F	1.27	0.127
G	0.76	0.127
I	1.78	0.127
J	0.76	0.127

## Electrical response



## PCB Layout



- Filter Outline
- Exposed Conductor
- Solder Resist Over Dielectric
- Solder Resist Over Conductor

## Packaging and Marking

DIMENSION	UNITS	SPECIFICATION
REEL DIAMETER	mm	330
REEL WEIGHT	kg	2.7
REEL QUANTITY	ea.	700

