

Features

- Small Size
- High Rejection
- Low Loss

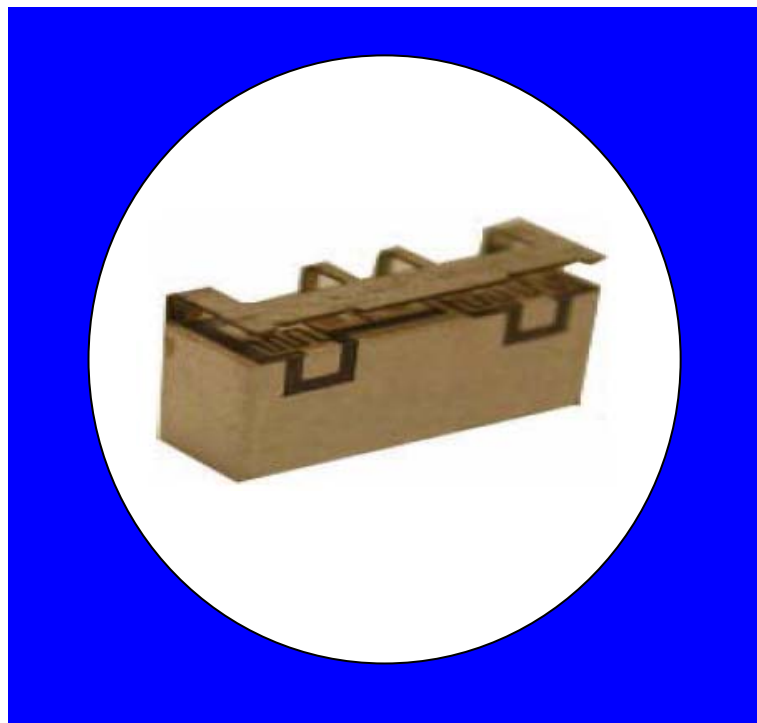
Description

Surface mount, silver (Ag) coated ceramic filter.

Weight: 0.33 grams typical

Material: Filter is composed of a Alumina based ceramic plated with Ag covered by tin plated copper alloy shield.

Filter complies with RoHS standards.



Electrical Specifications

<u>Parameter</u>	<u>Frequency MHz</u>	<u>Typical @ 25°C</u>	<u>Specification @ 25°C</u>	<u>Spec over -40°C to +85°C</u>
Passband Iloss	5725-6050	-2.00	-2.80	-3.00
Passband Ripple	5725-6050	0.80	0.90	1.00
Passband Return Loss @ Port 1	5725-6050	-12.0	-10.00	-10.00
Passband Return Loss @ Port 2	5725-6050	-12.0	-10.00	-10.00
Attenuation	1.0-5460	-35.0	-30.00	-30.00
	6470-8000	-35.0	-30.00	-30.00
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:

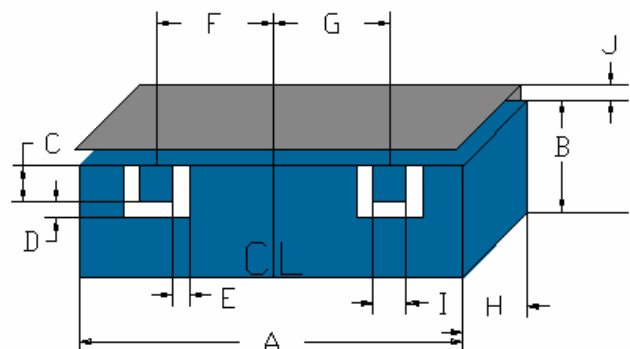
<u>Specification Allowance</u>	
Insertion Loss	0.1 dB
Return Loss	1.0 dB
Stopbands	1.0 dB

*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

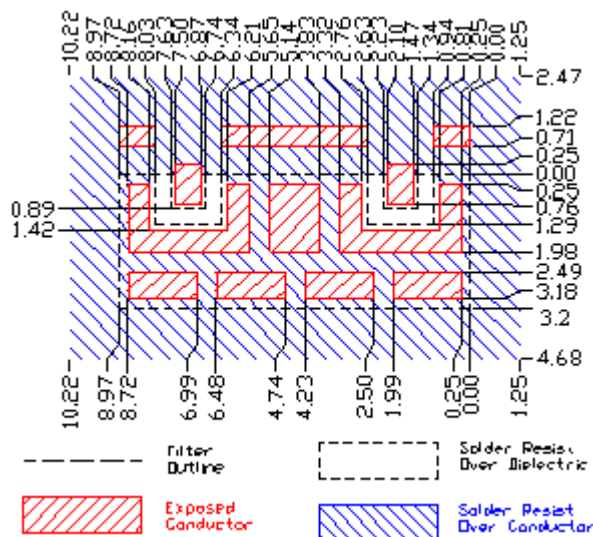
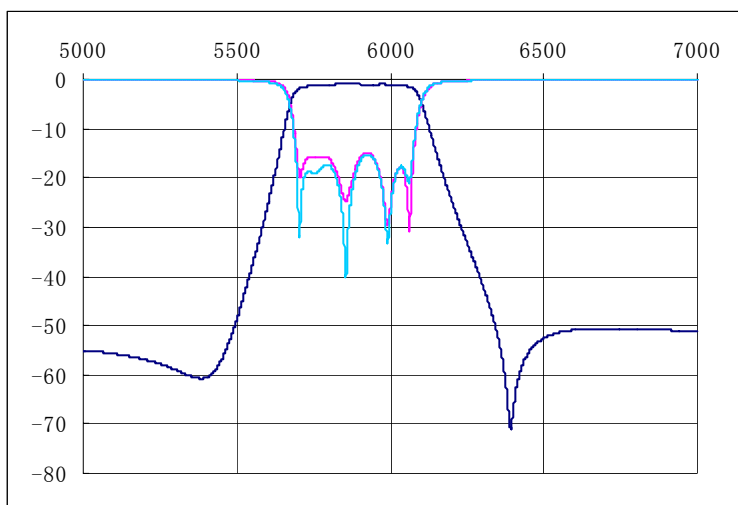
Preliminary A – Origin Date: December 19, 2012 – Revision Date: December 19, 2012



Dim	Nominal (mm)	Tolerance (mm) +/- or max
A	8.97	Max
B	3.20	Max
C	0.89	0.13
D	0.40	0.13
E	0.40	0.13
F	2.70	0.25
G	2.70	0.25
H	3.10	Max
I	0.89	0.13
J	0.96	Max

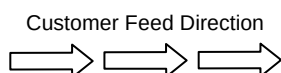
Electrical response

PCB Layout

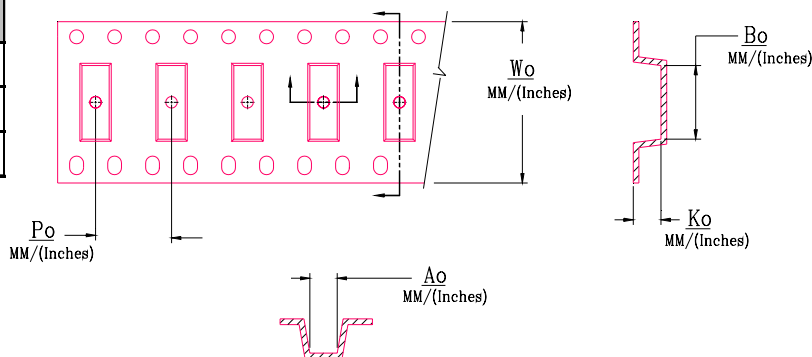
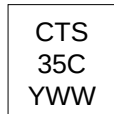


Packaging and Marking

DIMENSION	UNITS	SPECIFICATION
REEL DIAMETER	mm	330
REEL WEIGHT	kg	1.7
REEL QUANTITY	ea.	1000



Product Marking



Wo	Ao	Bo	Ko	Po
Inches/mm	Inches/mm	Inches/mm	Inches/mm	Inches/mm
0.945" / 24.0	.177" / 4.50	0.336" / 9.3	0.132" / 3.35	0.315" / 8.0