

Features

- Low Loss
- Excellent Rejection

Description

Surface mount, silver (Ag) coated ceramic filter.

Weight: 1.0 grams typical

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

Filter complies with RoHS standards.



Electrical Specifications

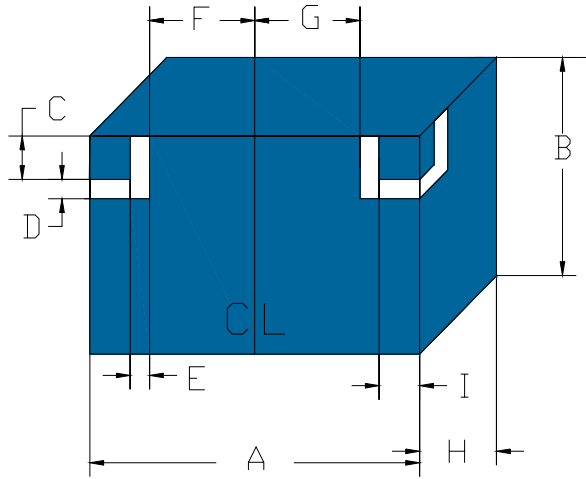
Parameter	Frequency MHz	Typical @ 25°C	Specification @ 25°C
Passband Iloss	1149 - 1255	-1.1	-1.5
Passband Flatness	1149 - 1255	0.2	0.4
Passband Ripple	1149 - 1255	0.1	0.3
Passband Return Loss @ Port 1	1149 - 1255	-16.0	-14.0
Passband Return Loss @ Port 2	1149 - 1255	-16.0	-14.0
Passband Group Delay	1149 - 1255	5.0	7.0
Attenuation	0.1 - 700	-50.0	-40.0
	1000	-43.0	-40.0
	1420	-43.0	-40.0
	1750	-40.0	-38.0
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

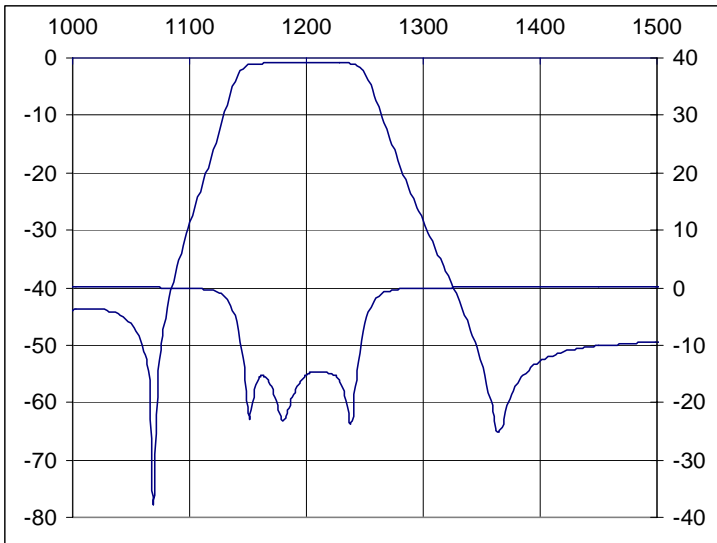
*This product is covered by one or more of the following U.S. and foreign patents including: US 4,692,726;US 4,742,562; US 4,800,348;US 4,829,274;US 5,146,193;EP 0573597;DE 0573597;FR 0573597;JP 508149/92;KR 142171;US 5,162,760;US 5,218,329;US 5,250,916;US 5,327,109;US 5,488,335;CA 2114029;FR 9306297;GB 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.

Mechanical Drawing

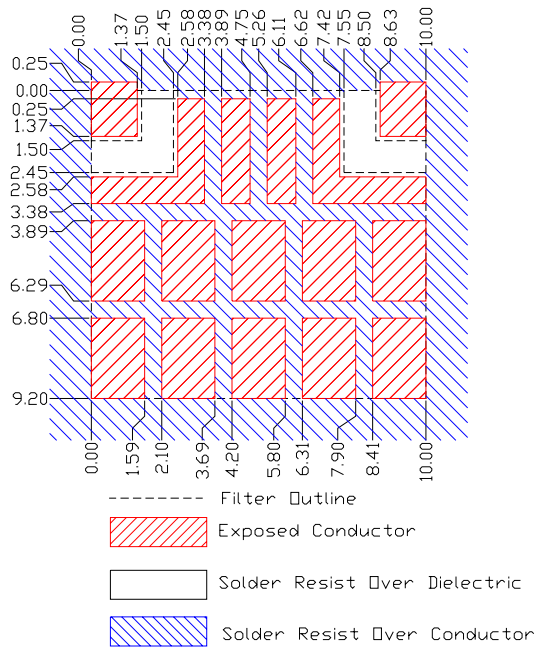


Dim	Nominal (mm)	Tolerance (mm) +/- or max
A	10.00	Max
B	9.20	Max
C	1.50	0.13
D	0.95	0.13
E	0.95	0.13
F	2.55	0.13
G	2.55	0.13
H	4.00	Max
I	1.50	0.13

Electrical response

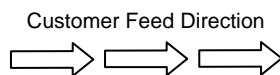


PCB Layout



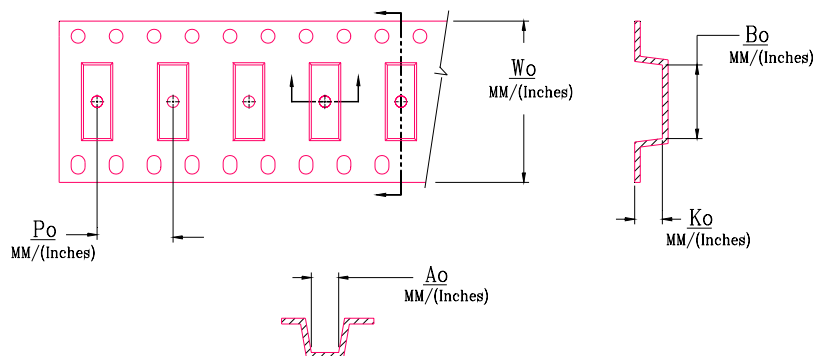
Packaging and Marking

DIMENSION	UNITS	SPECIFICATION
REEL DIAMETER	mm	330
REEL WEIGHT	kg	1.6
REEL QUANTITY	ea.	1000



Product Marking

MCV
422
YWW



Wo	Ao	Bo	Ko	Po
Inches/mm	Inches/mm	Inches/mm	Inches/mm	Inches/mm
0.945"/24	0.382"/9.7	0.406"/10.30	0.165"/4.20	0.630"/12.00