

## 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

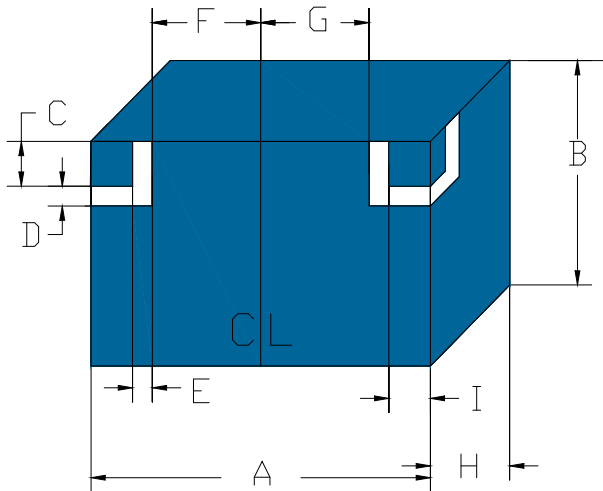
Parameter	Frequency MHz	Typical @ 25°C	Specification @ 25°C	Spec over -40°C to +85°C
Passband Iloss	1530 - 1620	-1.0	-2.8	-3.0
Passband Flatness	1530 - 1620	0.2	0.9	1.0
Passband Ripple	1530 - 1620	0.1	0.3	0.3
Passband Return Loss @ TX	1530 - 1620	-16.0	-14.0	-14.0
Passband Return Loss @ Ant	1530 - 1620	-16.0	-14.0	-14.0
Passband Group Delay	1530 - 1620	TBD	5.0	5.0
Attenuation	0.1 - 1000	-50.0	-40.0	-40.0
	1400	-43.0	-40.0	-40.0
	1800	-43.0	-40.0	-40.0
	2200 - 2500	-42.0	-40.0	-40.0
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

## Mechanical Drawing

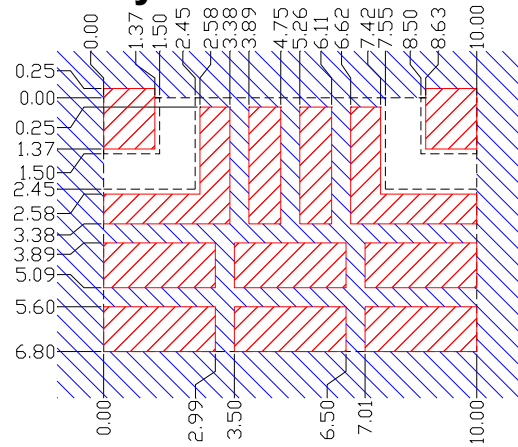
Preliminary 5/8



Dim	Nominal (mm)	Tolerance (mm) +/- or max
A	10.00	Max
B	6.80	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

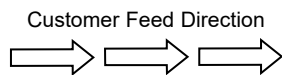
## PCB Layout



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

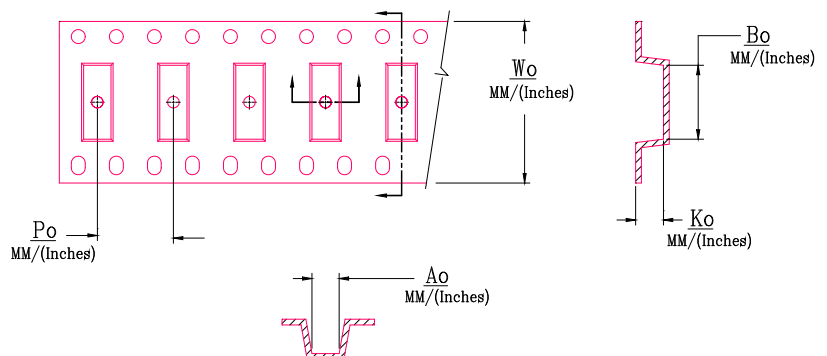
## Packaging and Marking

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



### Product Marking

MCV  
357  
YWW



Wo	Ao	Bo	Ko	Po
Inches/mm	Inches/mm	Inches/mm	Inches/mm	Inches/mm