

Features

- Small Size
- High Rejection

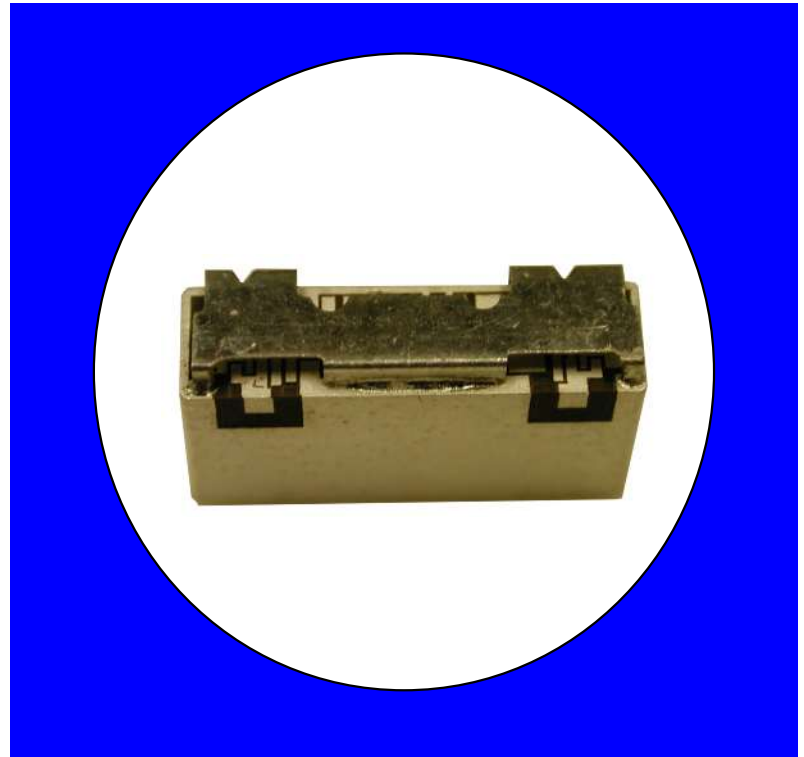
Description

Surface mount, silver (Ag) coated barium ceramic filter.

Weight: 2 g typical.

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

Filter complies with RoHS standards.



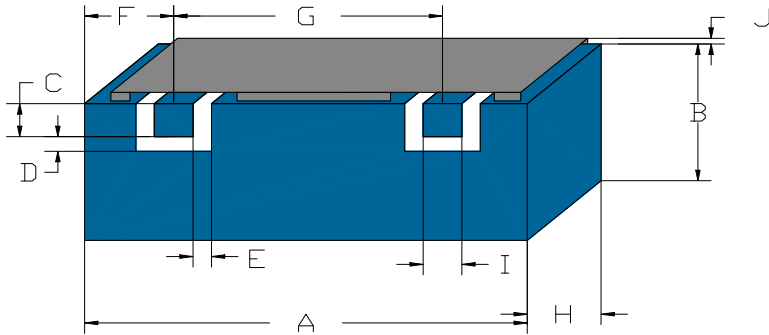
Electrical Specifications

Parameter	Frequency MHz	Typical @ 25°C	Specification @ 25°C	Spec over -40C to +85°C
Passband Insertion Loss (50 MHz avg)	3000 - 3800	1.1 dB	1.3 dB max	1.3 dB max
Passband Ripple	3000 - 3800	0.6 dB	1.0 dB max	1.0 dB max
Passband Return Loss	3000 - 3800	13 dB	10 dB min	10 dB min
Attenuation	1 - 2400	50 dB	45 dB min	45 dB min
	4060 - 5950	42 dB	40 dB min	40 dB min
Average Input Power				2 Watt max
Peak Input Power				20 Watt max
Impedance		50 ohms		

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:

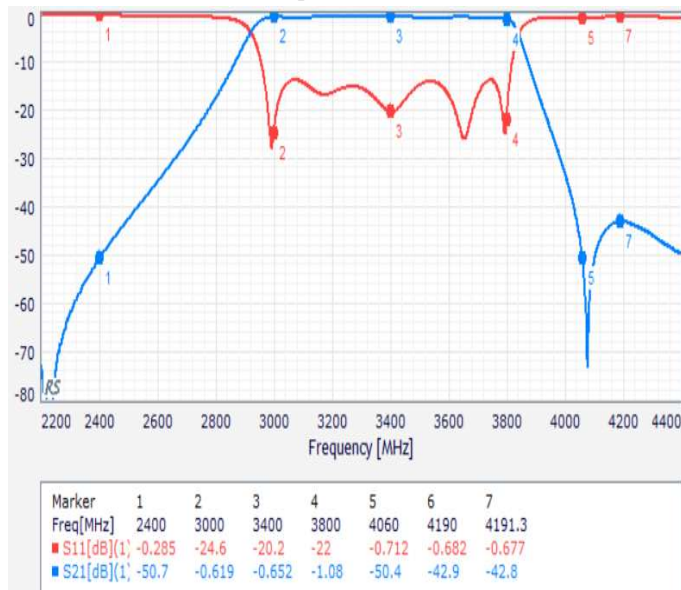
Specification Allowance	
Insertion Loss	0.1 dB
Return Loss	1.0 dB
Stopbands	1.0 dB

Mechanical Drawing

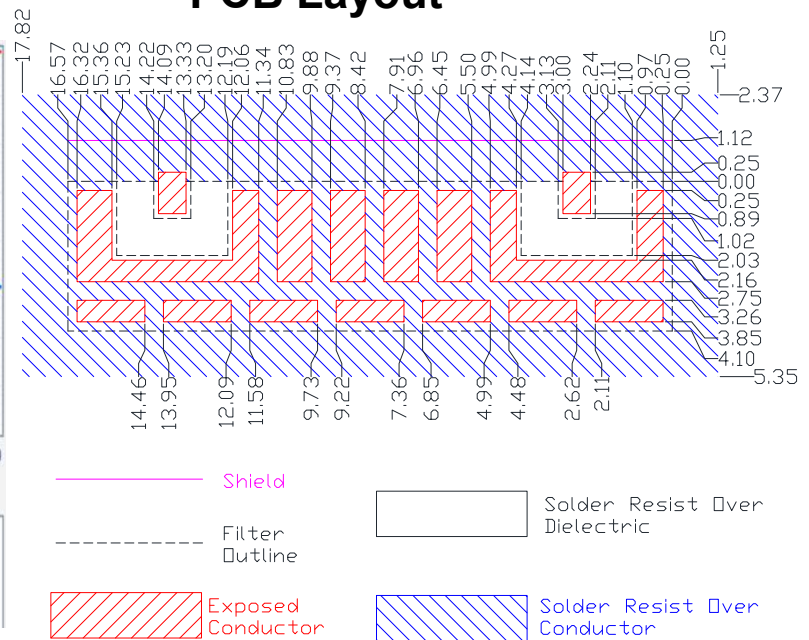


Dim	Nominal (mm)	Tolerance (mm) +/- or max
A	16.57	max
B	4.10	max
C	1.02	0.13
D	1.02	0.13
E	1.02	0.13
F	2.62	0.13
G	11.09	0.13
H	5.00	max
I	1.02	0.13
J	1.12	max

Electrical response

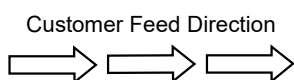


PCB Layout

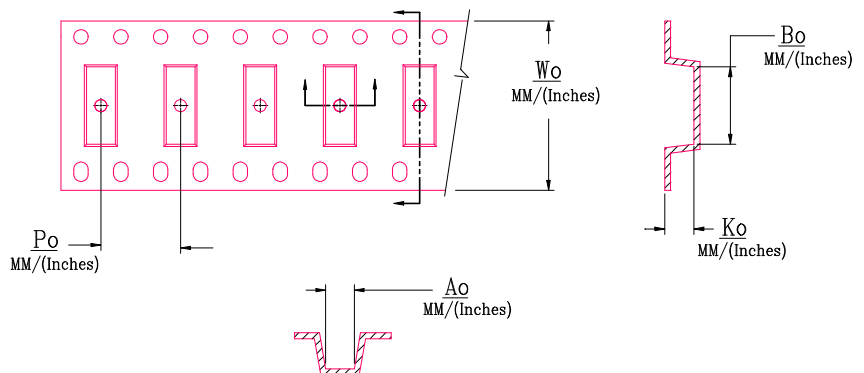


Packaging and Marking

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



CTS
087
YWW



Wo	Ao	Bo	Ko	Po
Inches/mm	Inches/mm	Inches/mm	Inches/mm	Inches/mm
0.945"/24	0.217"/5.50	0.654"/16.6	0.193"/4.90	0.472"/12.00