

Features

- Low Ripple
- High Rejection
- Low Loss

Description

Surface mount, silver (Ag) coated ceramic filter. Developed for use in Infrastructure and applications.

Material: Filter is composed of a ceramic block coated with Ag and a shield made of nickel silver plated steel.

Filter complies with RoHS standards.



Electrical Specifications

Parameter	Frequency MHz	Typical @ 25°C	Specification @ 25°C	Spec over -40°C to +85°C
Response				
Passband Iloss	2620 - 2690	-1.20	-1.50	-1.70
Passband Ripple	2620 - 2690	0.80	1.80	2.00
Passband Return Loss	2620 - 2690	-17.1	-14.0	-14.0
Attenuation	2300 - 2400	-40.0	-25.0	-25.0
	2500 - 2570	-42.0	-38.0	-38.0
Power into any port		1 Watt max		

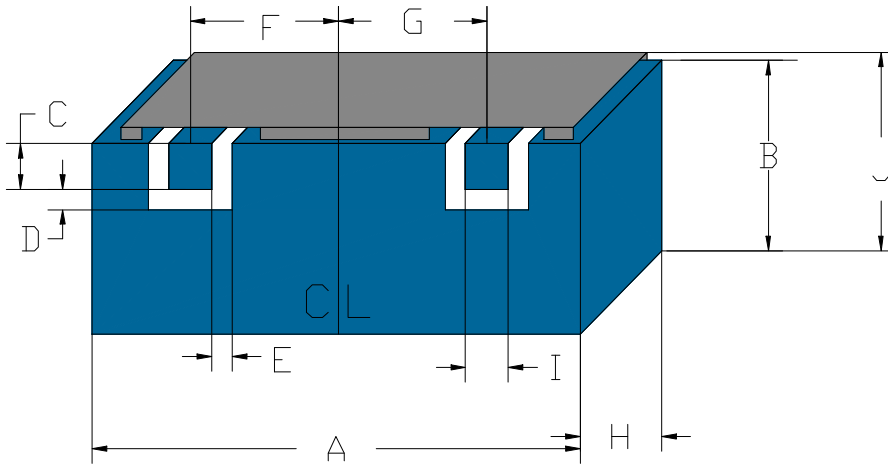
Note: Supplier shall test each filter to the critical electrical specifications of the above table. Any subsequent audits may deviate from in value due to measurement repeatability among different test systems. Such deviations shall not exceed the following limits:

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.

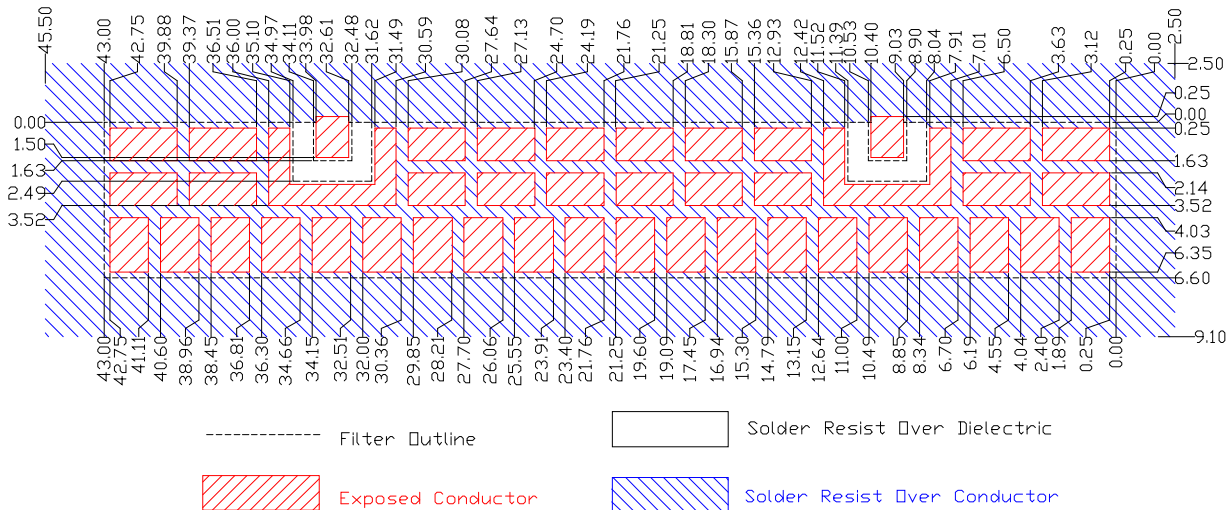
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Mechanical Drawing

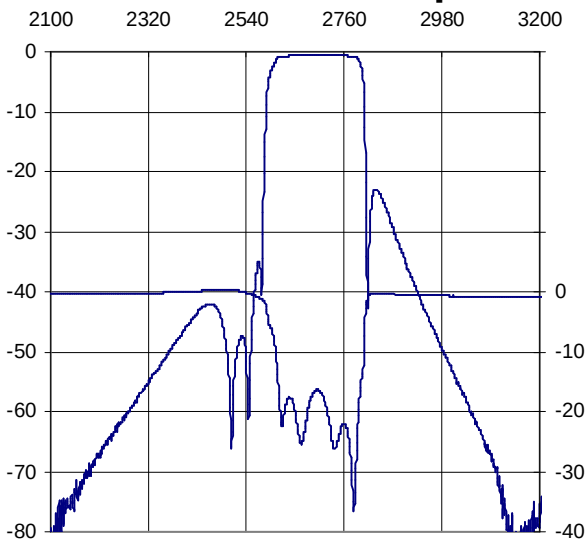


Dim	Nominal (mm)	Tolerance (mm) +/- or max
A	43.0	max
B	6.6	max
C	1.63	0.13
D	0.86	0.13
E	0.86	0.13
F	11.79	0.13
G	11.79	0.13
H	8.4	max
I	1.63	0.13
J	8.1	max

PCB Layout

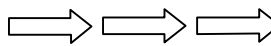


Electrical response



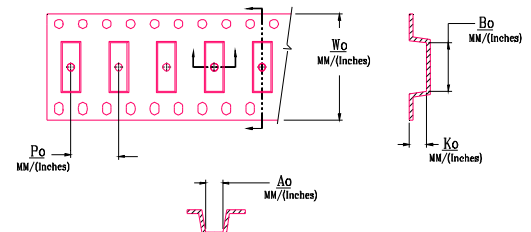
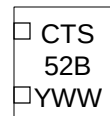
Packaging and Marking

Customer Feed Direction



DIMENSION	UNITS	SPECIFICATION
REEL DIAMETER	mm	330
REEL WEIGHT	kg	3.48
REEL QUANTITY	ea.	400

Product Marking



W0	A0	B0	K0	P0
Inches/mm	Inches/mm	Inches/mm	Inches/mm	Inches/mm
2.205" / 56.0	0.343" / 8.7	1.705" / 43.3	0.343" / 8.7	0.630" / 16.0