

Features

- Low Loss
- Excellent Rejection

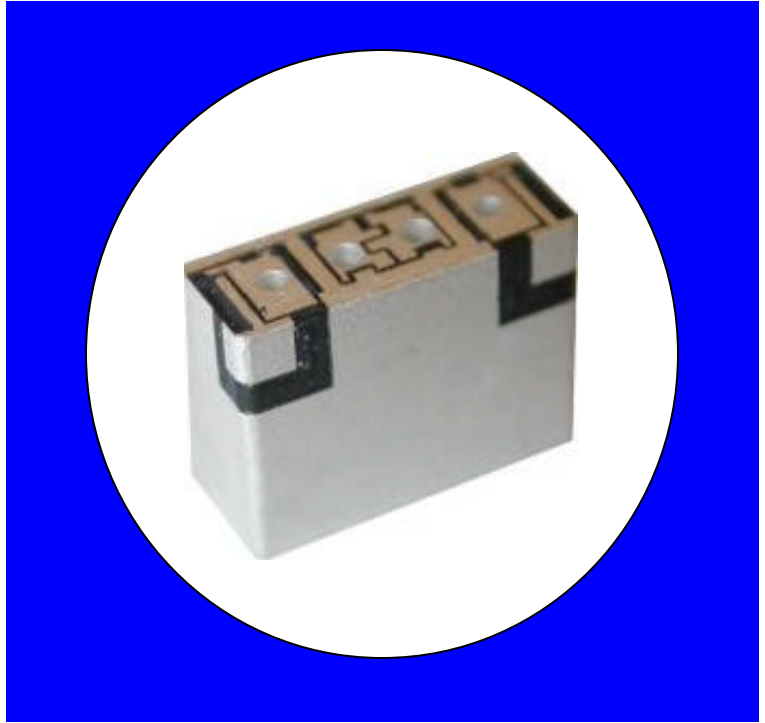
Description

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	Spec. @ 25°C	Spec. @ -40°C to +85°C
Insertion Loss	1351 - 1426	0.9	1.3 dB	1.5 dB
Ripple	1351 - 1426	0.2	0.4 dB	0.5 dB
Return Loss	1351 - 1426	14.5	12.0 dB	12.0 dB
Rejection	1164 - 1239	35.0	20.0 dB	20.0 dB
	601 - 676	58.0	50.0 dB	50.0 dB
Power into any port		1 Watt max		

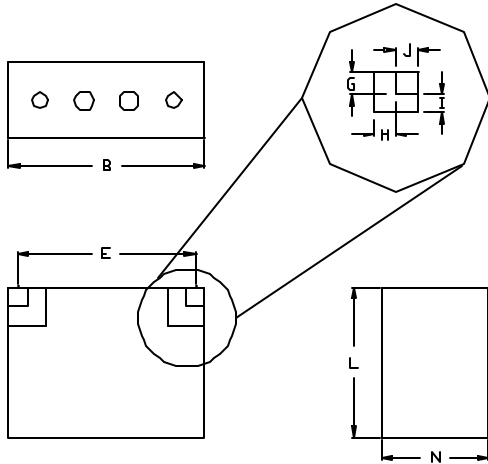
Note: Supplier shall test each filter to the critical electrical specifications of the above table. Any subsequent audits may deviate from in value due to measurement repeatability among different test systems. Such deviations shall not exceed the following limits:

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 5,994,976;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.

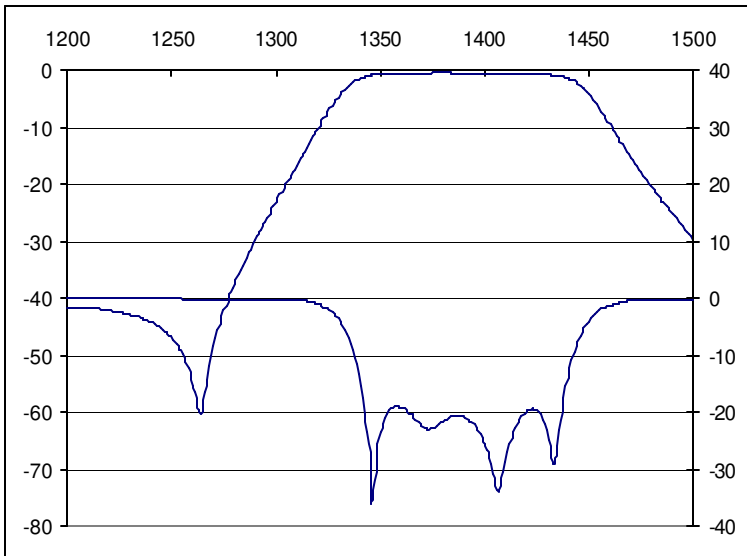
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Mechanical Drawing

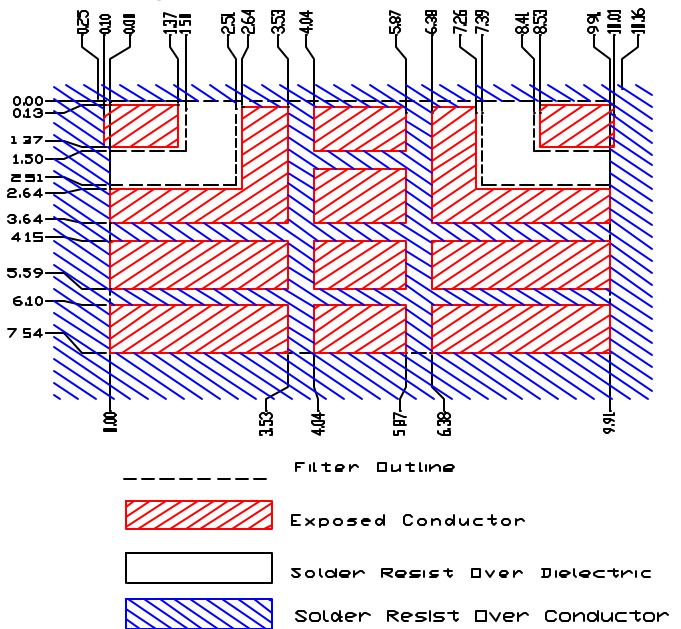


Dim	Nominal (mm)	Tolerance (mm) +/- or max
B	10.00	Max
E	8.37	0.13
F	1.27	0.13
G	1.50	0.13
H	0.95	0.13
I	0.95	0.13
J	1.50	0.13
L	7.80	Max
N	4.00	Max

Electrical response

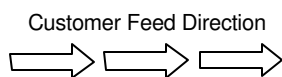


PCB Layout



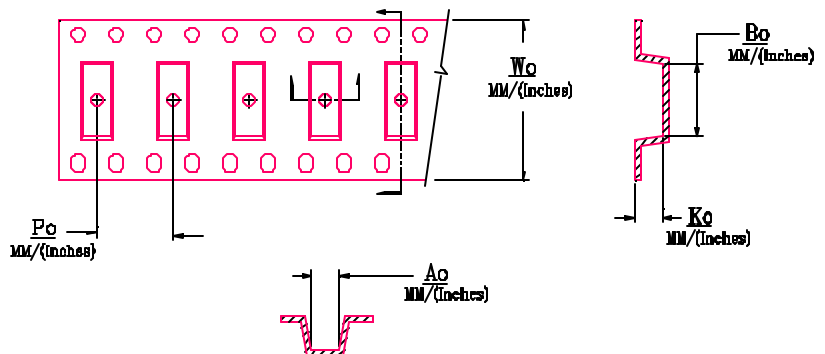
Packaging and Marking

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



Product Marking

CTS
280
YWW



W_o	A_o	B_o	K_o	P_o
Inches/mm	Inches/mm	Inches/mm	Inches/mm	Inches/mm
0.945"/24	0.319"/8.10	0.406"/10.30	0.165"/4.20	0.472"/12.00