

Features

- Low Ripple
- High Rejection
- Low Loss

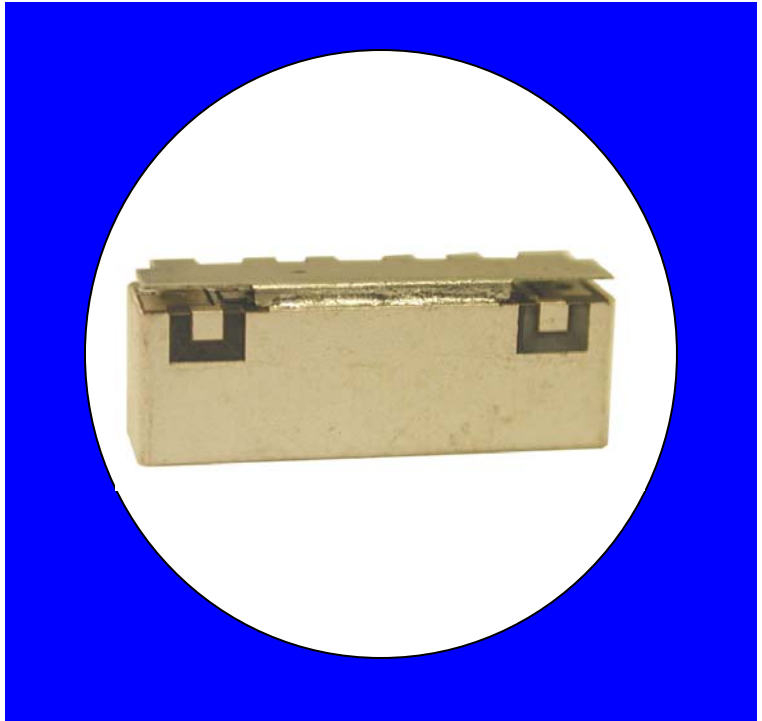
Description

Surface mount, silver (Ag) coated ceramic filter.

Weight: 2.65 grams typical.

Material: Filter is composed of a Neodymium based ceramic block coated with Ag and a shield made of tin plated copper alloy.

Filter complies with RoHS standards.



Electrical Specifications

Parameter	Frequency MHz	Typical @ 25°C	Spec over -40°C to +85°C
Passband lloss	910 - 920	-3.8	-4.2
Passband Ripple	910 - 920	0.8	1.0
Passband Return Loss @ Port 1	910 - 920	-11.0	-9.5
Passband Return Loss @ Port 2	910 - 920	-11.0	-9.5
Attenuation	452	-72.0	-67.0
	806	-60.0	-55.0
	850	-60.0	-51.0
	901	-26.0	-25.0
	932	-35.0	-34.0
	1900	-40.0	-37.0
Power into any port		1 Watt max	

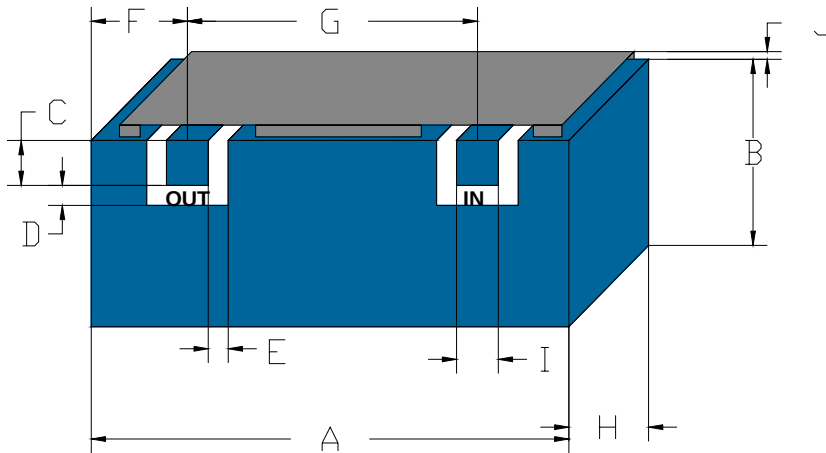
Note: Supplier shall test each filter to the critical electrical specifications of the above table. Any subsequent audits may deviate from in value due to measurement repeatability among different test systems. Such deviations shall not exceed the following limits:

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.

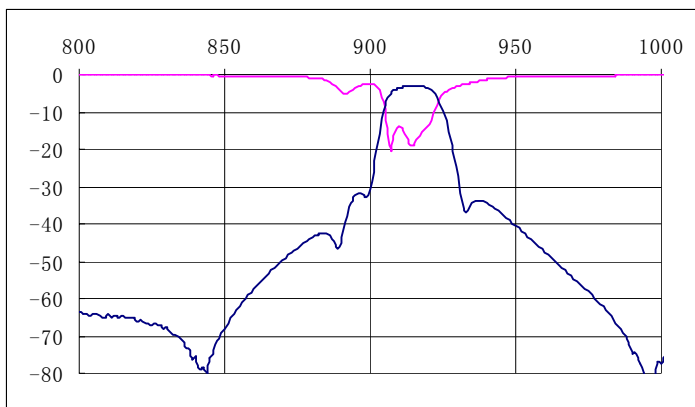
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Mechanical Drawing

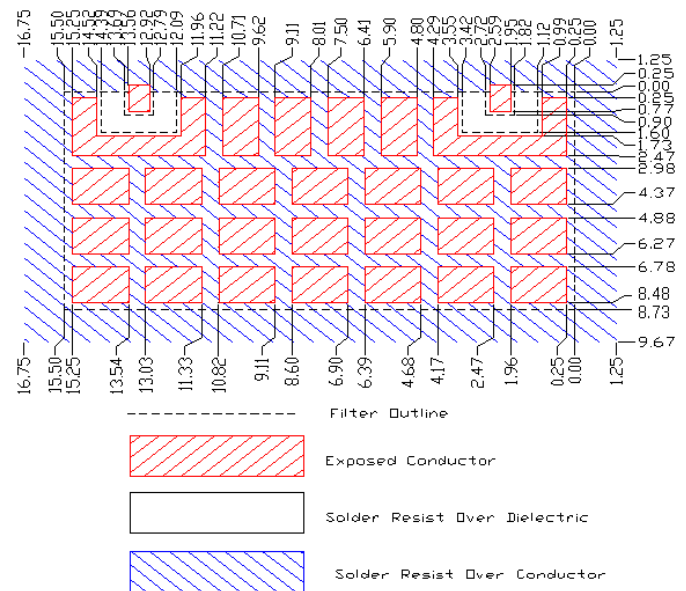


Dim	Nominal (mm)	Tolerance (mm) +/- or max
A	15.50	max
B	8.73	max
C	0.90	0.13
D	0.70	0.13
E	0.70	0.13
F	2.27	0.13
G	10.97	0.13
H	4.30	max
I	0.90	0.13
J	1.00	max

Electrical response

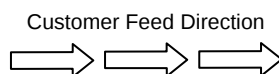


PCB Layout

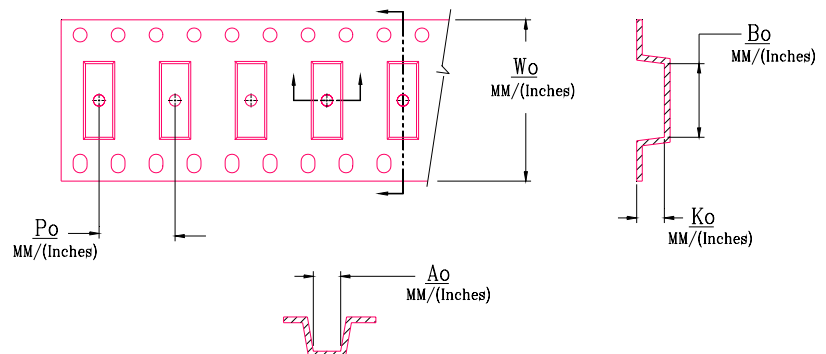
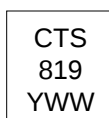


Packaging and Marking

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



Product Marking



Wo Inches/mm	Ao Inches/mm	Bo Inches/mm	Ko Inches/mm	Po Inches/mm
1.260"/32	0.398"/10.10	0.618"/15.70	0.179"/4.55	0.472"/12.00