



Electrical Specifications

Center Frequency: 1950 MHz
Bandwidth: 60 MHz
Passband: 1920-1980 MHz
Insertion Loss: -1.8 dB
Ripple: 0.9 dB
Passband Return Loss @ Port 1: -14 dB
Passband Return Loss @ Port 2: -14 dB
Attenuation: -35 dB @ 1710-1785 MHz
Power: 2 W Max

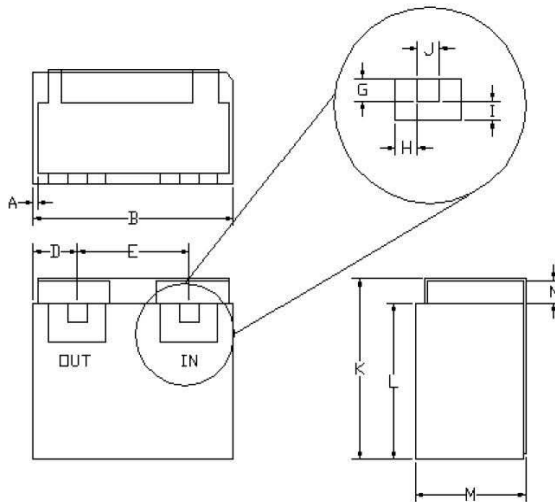
Mechanical

Mounting Method: SMT
Dimensions: 7.05 x 6.9 x 3.93 mm

Environmental

Operating Temperature: -40 to +85° C
Storage Temperature: -50 to +95° C

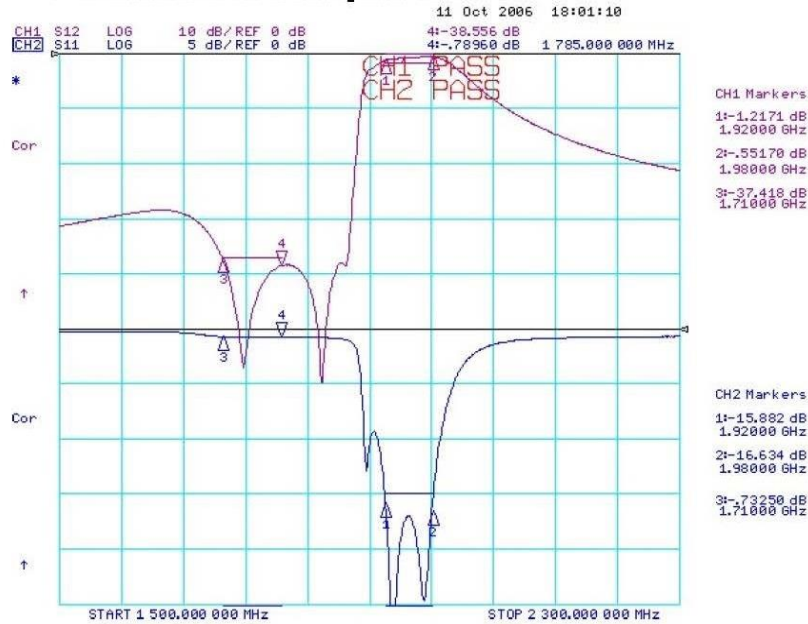
Outline Drawing:



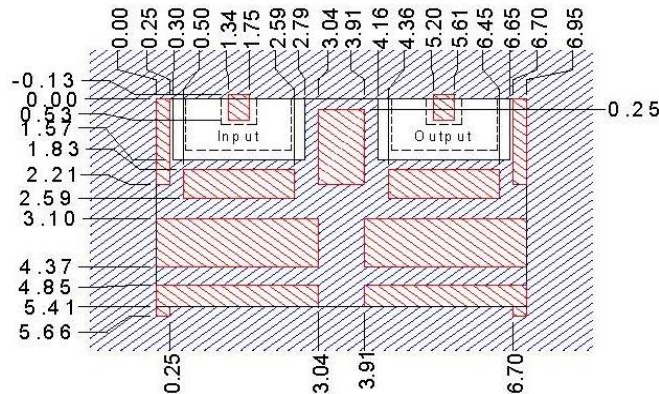
Dim	Nominal (mm)	Tolerance (mm) +/- or max
A		
B	7.05	max
C		
D	1.55	0.25
E	3.86	0.13
F		
G	0.66	0.13
H	0.66	0.13
I	0.66	0.13
J	0.66	0.13
K	6.9	max
L	5.8	max
M	3.93	max
N	1.1	max



Electrical response



PCB Layout



Dimensions are in mm. Tolerance = +/- 0.13

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