



Electrical specifications

Center Frequency: 5400 MHz
Bandwidth: 950 MHz
Input / Output Impedance: 50 Ohms
Passband: 4900-5850 MHz
Passband Insertion Loss: 1.5dB Max.
Passband Ripple: 4900-5850 MHz 0.8 dB
Passband Return Loss: 4900-5850 MHz -10.0 dB
Rejection: 4200 MHz -23.0 dB
Rejection 2: 8000 MHz -18.0 dB
Power Handling: 1 Watt max

Mechanical

Mounting Method: SMT
Dimensions: 6.8 x 3.8 x 2.6 mm

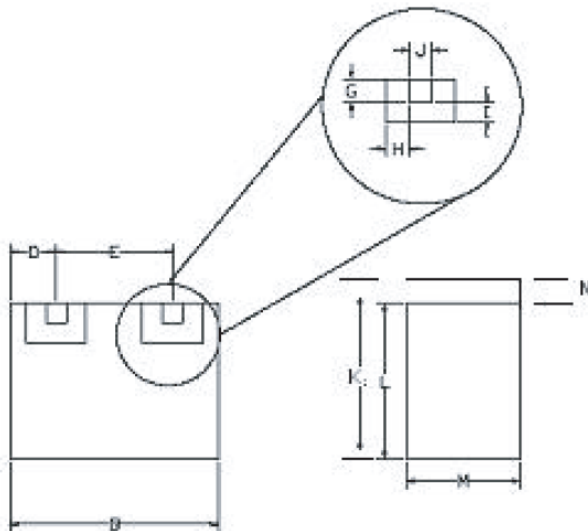
Environmental

Operating Temperature: -40 C to +85 C
Storage Temperature: -50 C to +90 C

This product is RoHs compliant.



Outline Drawings:



Dim	Nominal (mm)	Tolerance (mm) +/- or max
A		
B	6.8	max
C		
D	1.35	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	3.8	max
L	2.8	max
M	2.6	max
N	0.76	0.13

Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

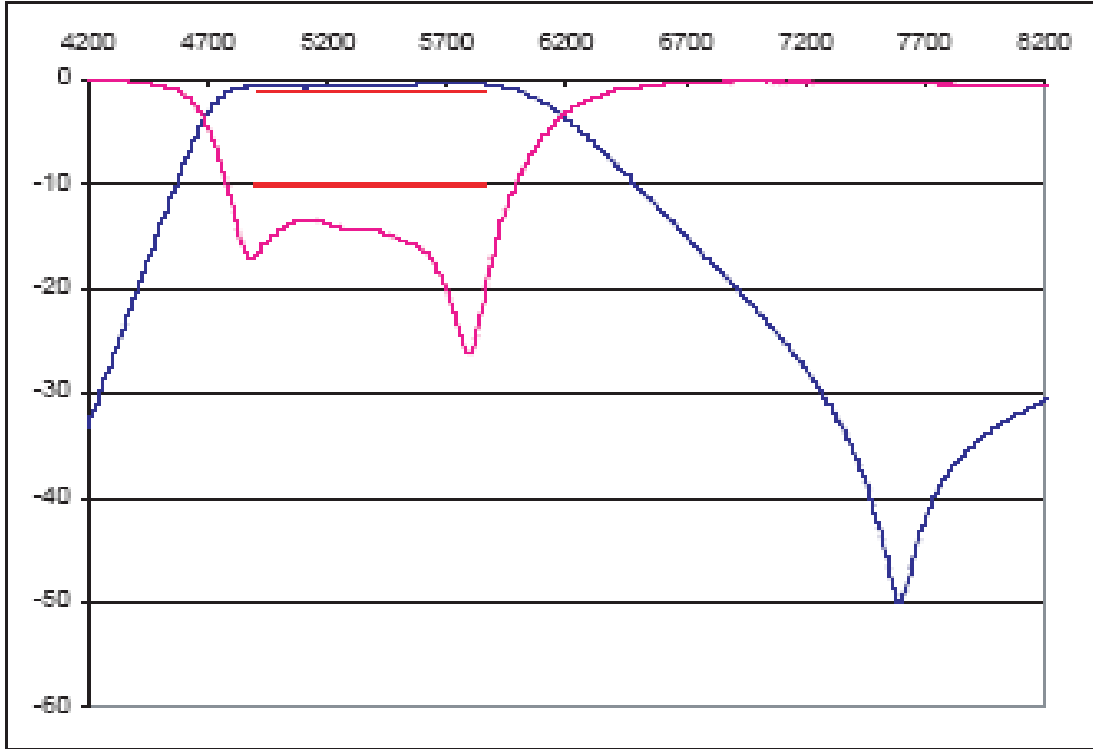


5.4 GHz MonoBlock Ceramic BPF

Part Number: AM5400B1098



Response Plot:



PCB Layout:

