



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5.8 GHz MonoBlock Ceramic BPF

Part Number: AM5800B1109



Electrical specifications

Center Frequency: 5800 MHz

Bandwidth: 125 MHz

Input / Output Impedance: 50 Ohms

Passband: 5725–5850 MHz

Passband Insertion Loss: 1.5 dB over PB

Passband Ripple: 1.0 dB over PB

Passband Return Loss: 5725–5850 MHz 10.00 dB
min

Rejection: 4700 MHz 30 dB min

Rejection 2: 6875 MHz 30 dB min

Power Handling: 1 watt max

Mechanical

Mounting Method: SMT

Dimensions: 11.5 x 4.7 x 4.4 mm

Environmental

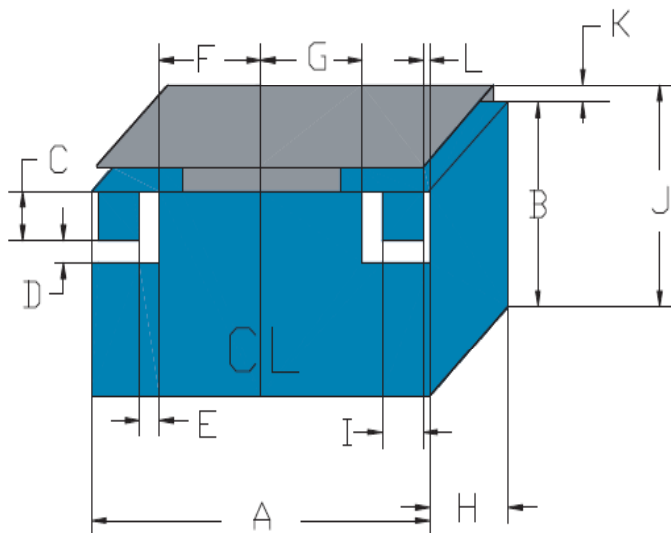
Operating Temperature: -40°C to +85°C

Storage Temperature: -50°C to +90°C

This product is RoHs compliant.



Mechanical Drawing



Dim	Nominal (mm)	Tolerance (mm) +/- or max
A	11.5	0.3
B	3.4	Max
C	1.02	0.13
D	0.38	0.13
E	0.38	0.13
F	3.97	0.13
G	3.97	0.13
H	4.7	0.13
I	1.02	0.13
J	4.4	Max
K	1.1	Max
L	0.38	0.13