



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2.594 GHz Monoblock Ceramic BPF

Part Number: AM2594B1083



Electrical specifications

Center Frequency: 2594 MHz

Bandwidth: 196 MHz

Input / Output Impedance: 50 Ohms

Passband: 2496–2692 MHz

Passband Insertion Loss:

Passband Ripple: 2496–2692 MHz 1.0 dB

Passband Return Loss: 2496–2692 MHz -10.0 dB

Rejection: 0.1 – 1796 MHz -40.0 dB

Rejection 2: 2396 MHz -24.0 dB

Rejection 3: 2792 MHz -24.0 dB

Rejection 4: 3390 – 4000 MHz -34.0 dB

Rejection 5: 4001 – 5470 MHz -20.0 dB

Power Handling: 1 Watt max

Mechanical

Mounting Method: SMT

Dimensions: 15.50 x 5.50 x 4.30 mm

Environmental

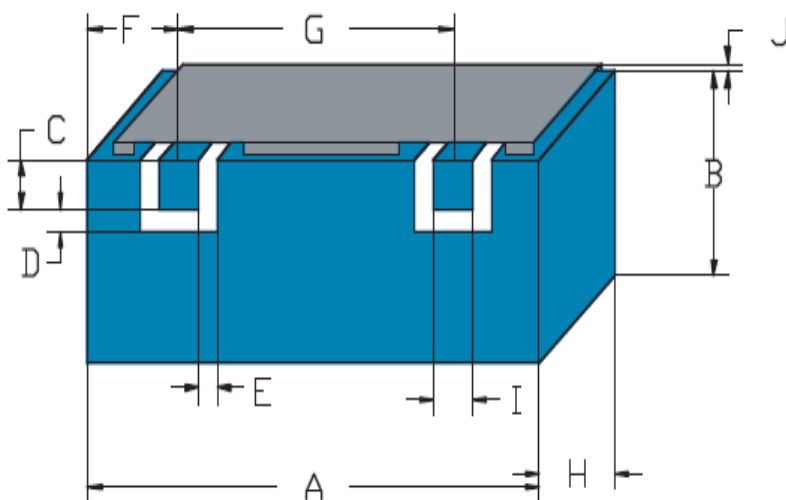
Operating Temperature: -30°C to +70°C

Storage Temperature: -50°C to +90°C

This product is RoHs compliant.



Mechanical Drawing



Dim	Nominal (mm)	Tolerance (mm) +/- or max
A	15.50	max
B	5.50	max
C	0.90	0.13
D	0.80	0.13
E	0.90	0.13
F	2.27	0.13
G	10.97	0.13
H	4.30	max
I	0.80	0.13
J	1.00	max



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Response Plot:

