



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

GSM/Cellular BPF

Part Number: AM836B194



Electrical specifications

Center Frequency: 836 MHz

Bandwidth: 25 MHz

Input / Output Impedance: 50 Ohms

Passband: 824–849 MHz

Passband Insertion Loss: 824–849 MHz 2.5 dB

Passband Ripple: 824–849 MHz 0.7 dB

Passband Return Loss: @ Port 1: 824-849 MHz
@ Port 2: 824-849 MHz

Rejection: 686.5 MHz 35.0dB min

Rejection 2: 804 MHz 12.0dB min

Rejection 3: 869 MHz 12.0dB min

Power Handling: 1 W

Mechanical

Mounting Method: SMT

Dimensions: 7.05 x 9.1 x 3.93

Environmental

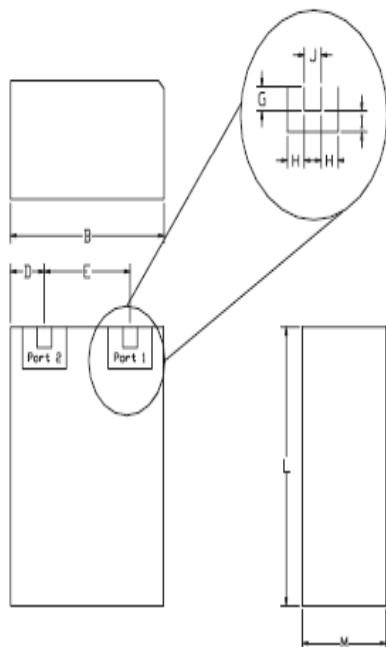
Operating Temperature: -30°C to +70°C

Storage Temperature: -50°C to +90°C

This product is RoHs compliant.



Mechanical Drawing



Dim	Nominal (mm)	Tolerance (mm) +/- or max
A		
B	7.05	max
C		
D	1.55	0.25
E	3.86	0.13
F		
G	0.76	0.13
H	0.66	0.13
I	0.76	0.13
J	0.76	0.13
K		
L	9.1	max
M	3.93	max



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Response Plot:

