ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

GSM/Cellular BPF

Part Number: AM836B194

ISO 9001 REGISTERED FIRM

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

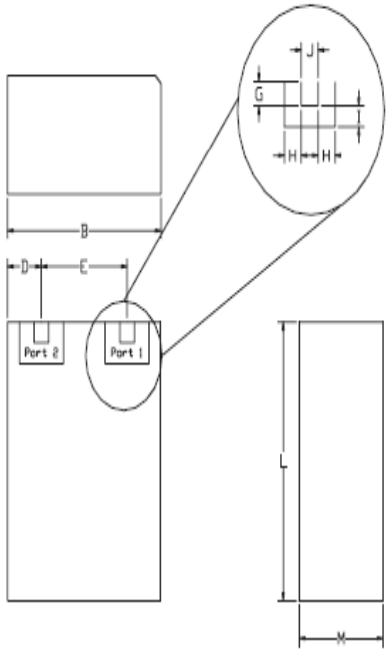
Environmental

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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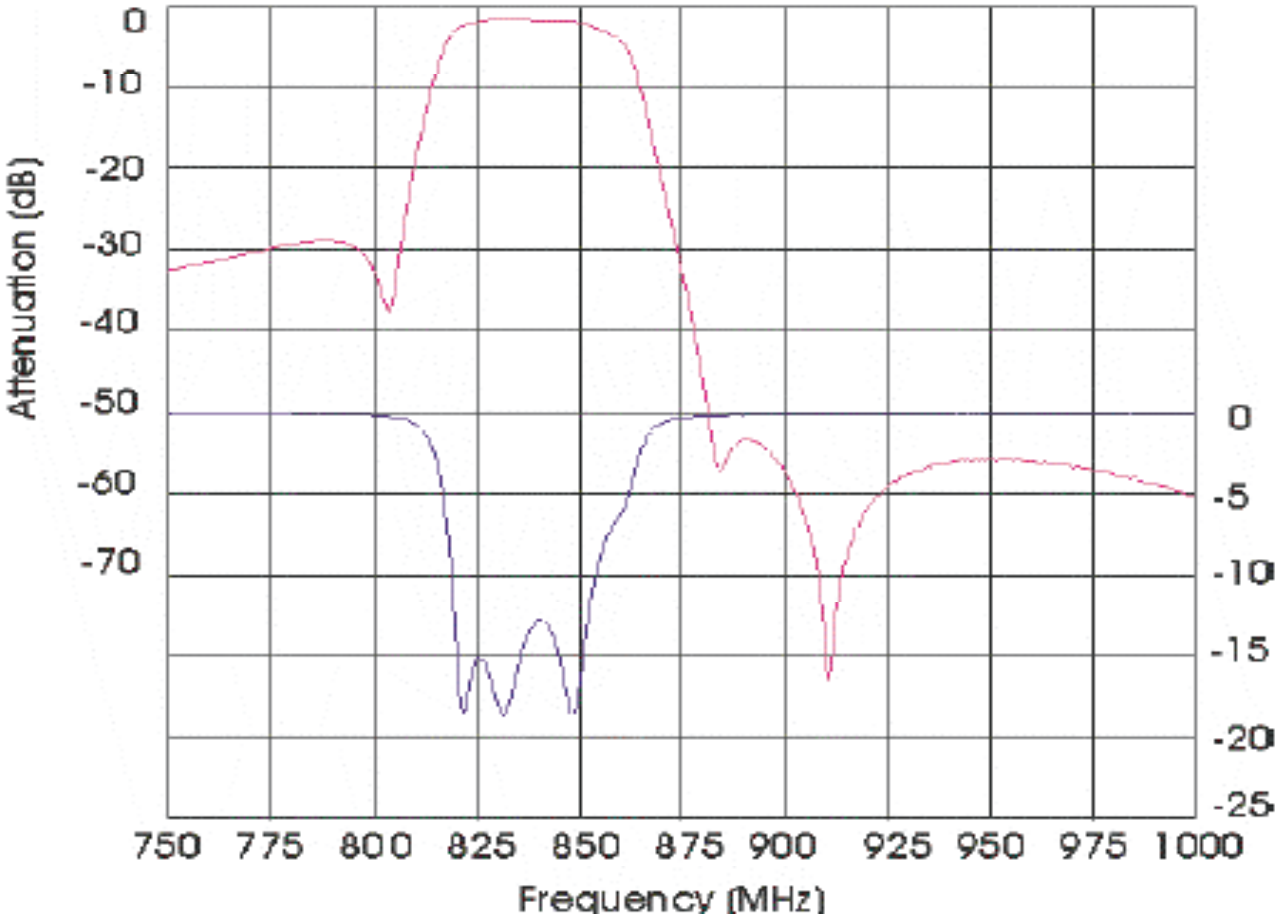
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Response Plot:



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