



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

850 MHz Bandpass Filter

Part Number: **AE850B6456**



Electrical Specifications

Center Frequency: 850 MHz
3-dB Bandwidth: 50 MHz @ 825 MHz to 875 MHz
Insertion loss: <3dB
VSWR: 1.5:1
Impedance: 50 Ohms
Rejection: >60dB @ 0- 750 MHz
Rejection: >60dB @ 1000-2000 MHz

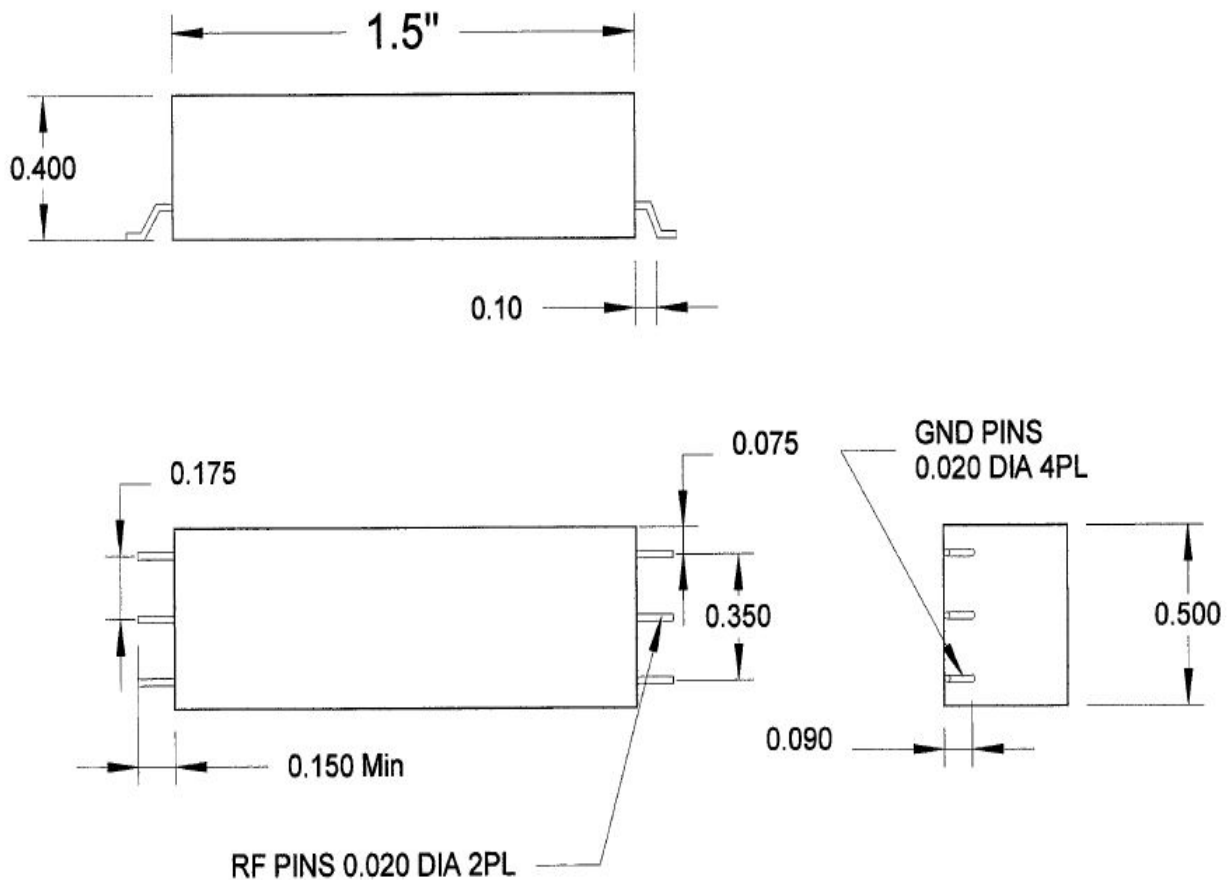
Mechanical

Connector Type: Surface Mounting
Dimensions: 1.5" X 0.5" x 0.4" in.

Environmental

Operating Temperature: -25°C to +70°C
Storage Temperature: -40°C to +90°C
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 200Hz

Outline Drawing:





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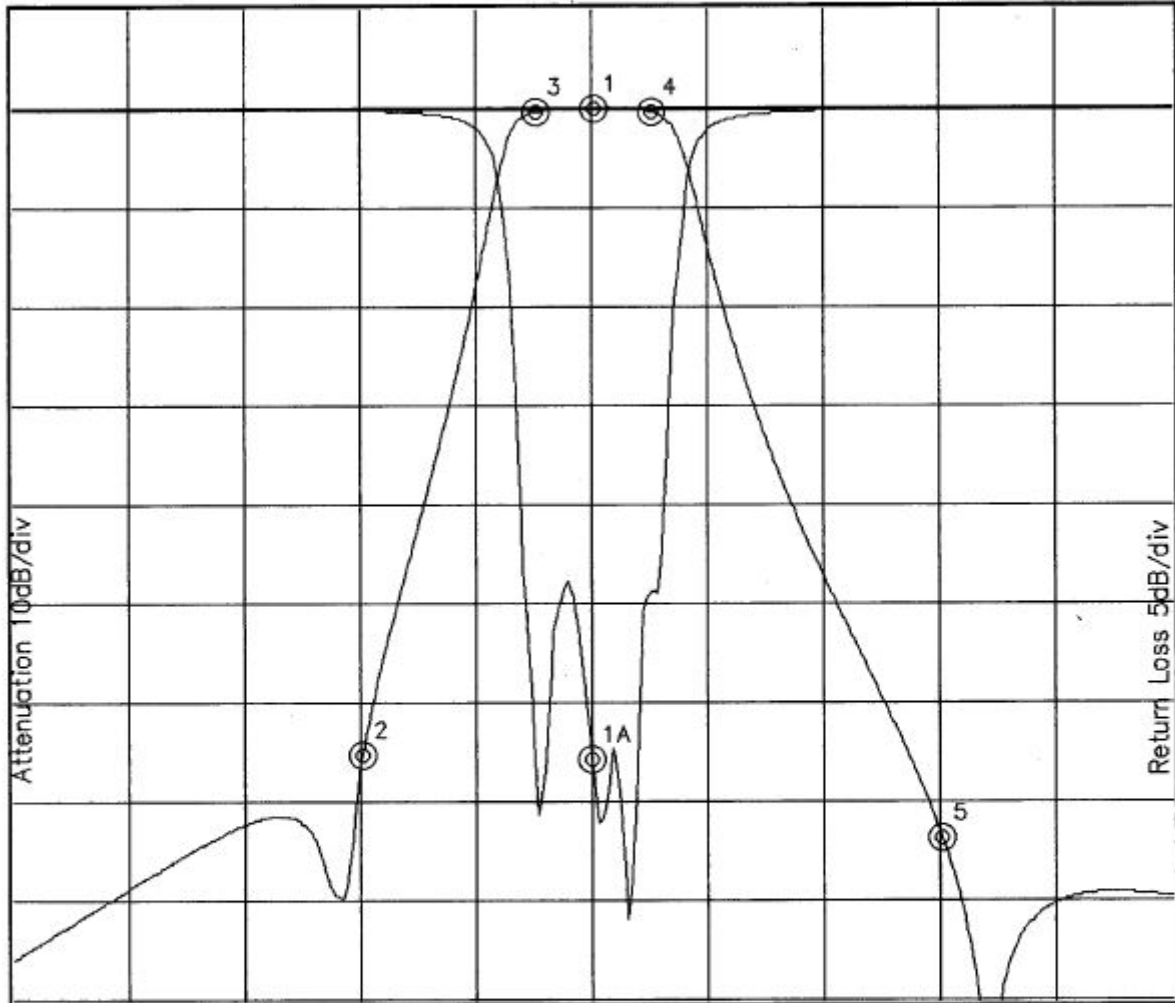


Response Plot:

B6456.lad

AUG 9, 2002

Attenuation/Return Loss



Attenuation Start: 600.0MHz Stop: 1.10GHz

Return Loss Start: 600.0MHz Stop: 1.10GHz

Offset -1.5217dB

Marker 1 Freq 850.40MHz Atten -0.011dB
Marker 2 Freq 750.24MHz Atten -65.722dB
Marker 3 Freq 825.36MHz Atten -0.397dB
Marker 4 Freq 875.44MHz Atten -0.440dB
Marker 5 Freq 1.001GHz Atten -74.093dB

Marker 1A Freq 849.59MHz Ret Loss -33.064dB