



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

750 MHz LC Band Pass Filter

Part Number: AE750B11624



Electrical Specifications

Center Frequency: 750 MHz
Bandwidth: 500 MHz Min.
Passband Insertion Loss: 1.2 dB Max.
Passband Return Loss: 12 dB Min.
Rejection Frequency: 40dB @ 250 MHz
Rejection Frequency: 70dB @ 1402-2500 MHz
Impedance: 50 ohms In/Out

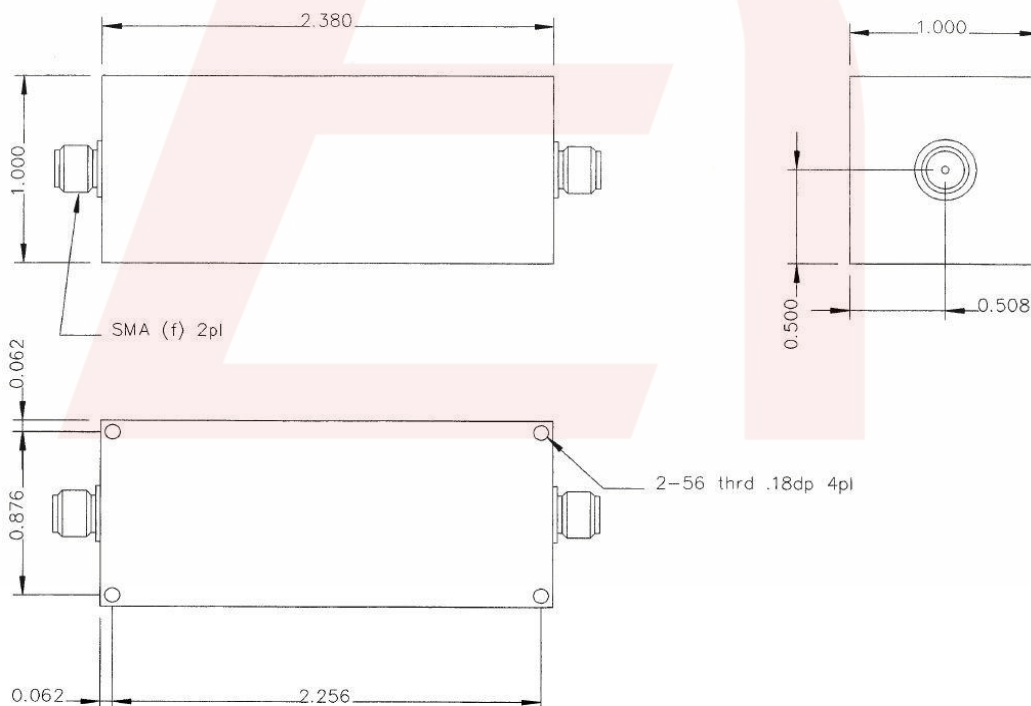
Mechanical

Mounting Method: Threaded Holes
Connector Type: SMA (F)
Dimensions: 2.38 X 1.0 x 1.0 in

Environmental

Operating Temperature: -25°C to +70°C
Storage Temperature: -75°C to +90°C
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 2000Hz

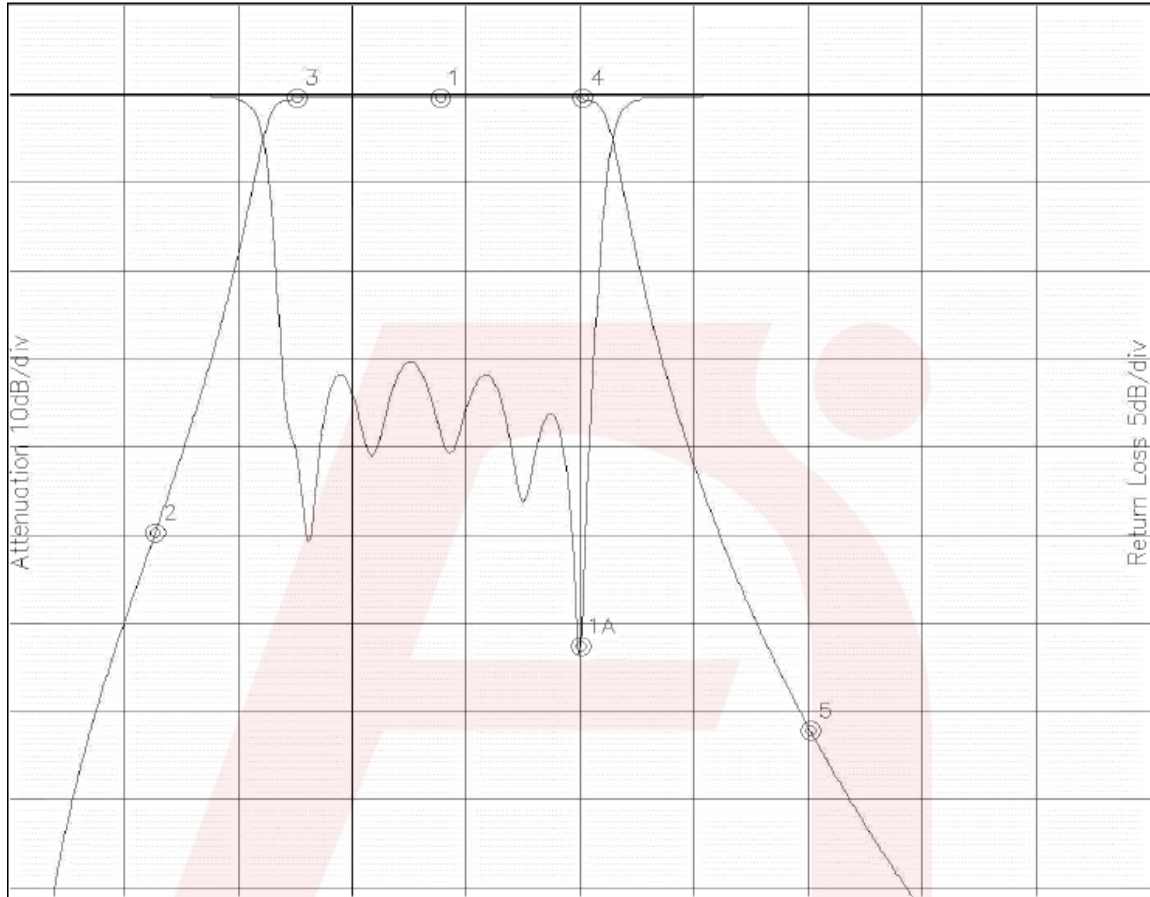
Outline Drawing:



DS-B11624-04122019-Rev0



Simulation Plot:



Marker	Freq	Attenuation / Return Loss
Marker 1	752.82MHz	Atten -0.364dB
Marker 2	252.01MHz	Atten -49.463dB
Marker 3	500.80MHz	Atten -0.512dB
Marker 4	1.002GHz	Atten -0.538dB
Marker 5	1.402GHz	Atten -72.035dB
Marker 1A	998.38MHz	Ret Loss -31.242dB

Note: This is a simulation plot. Actual results may differ once the product is implemented.