



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

580 KHz LC Band Pass Filter

Part Number: AE580KB5819



Electrical Specifications

Center Frequency: 580 KHz

Passband: 533-627 KHz

Insertion Loss: 3.0dB Max.

Return Loss: 10dB Min.

Rejection: ≥ 70 dB @ 0-380 KHz

Rejection2: ≥ 70 dB @ 780 KHz

Mechanical

Mounting Method: Through Holes

Connector Type: SMA(F)

Dimensions: 6.0" X 1.5" x 1.4" .

Environmental

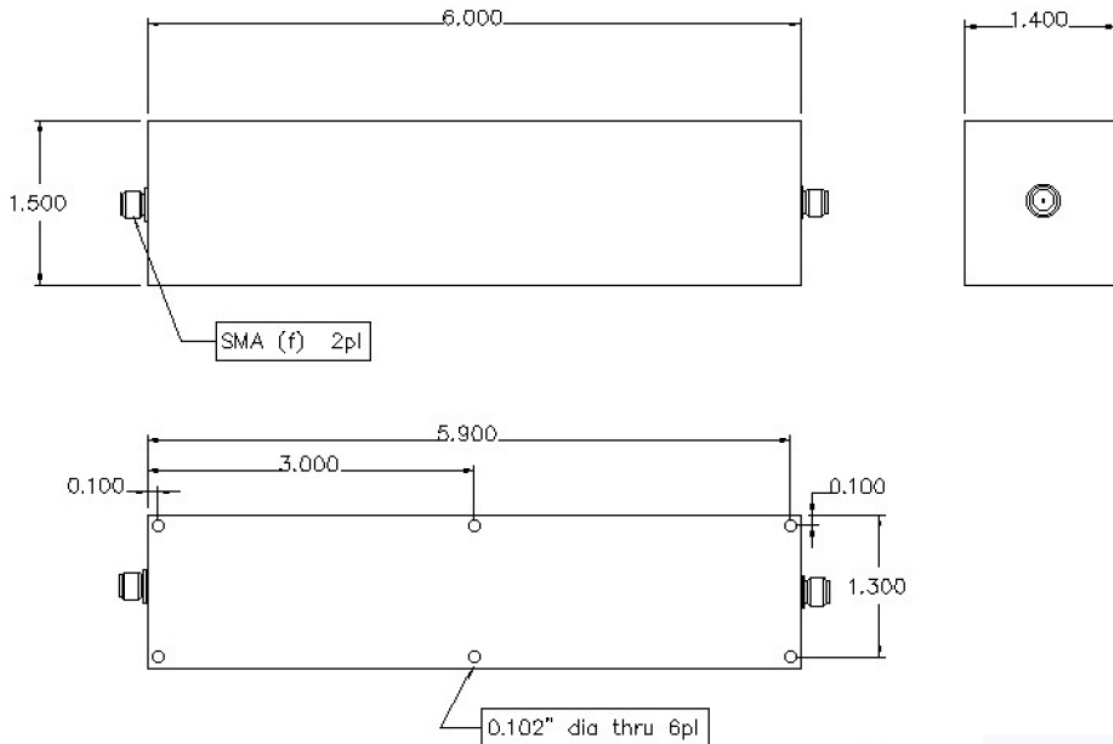
Operating Temperature: -25°C to +70°C

Storage Temperature: -40°C to +90°C

Shock: 10 G. 11ms

Vibration: 10 G. 5 to 200Hz

Outline Drawing:



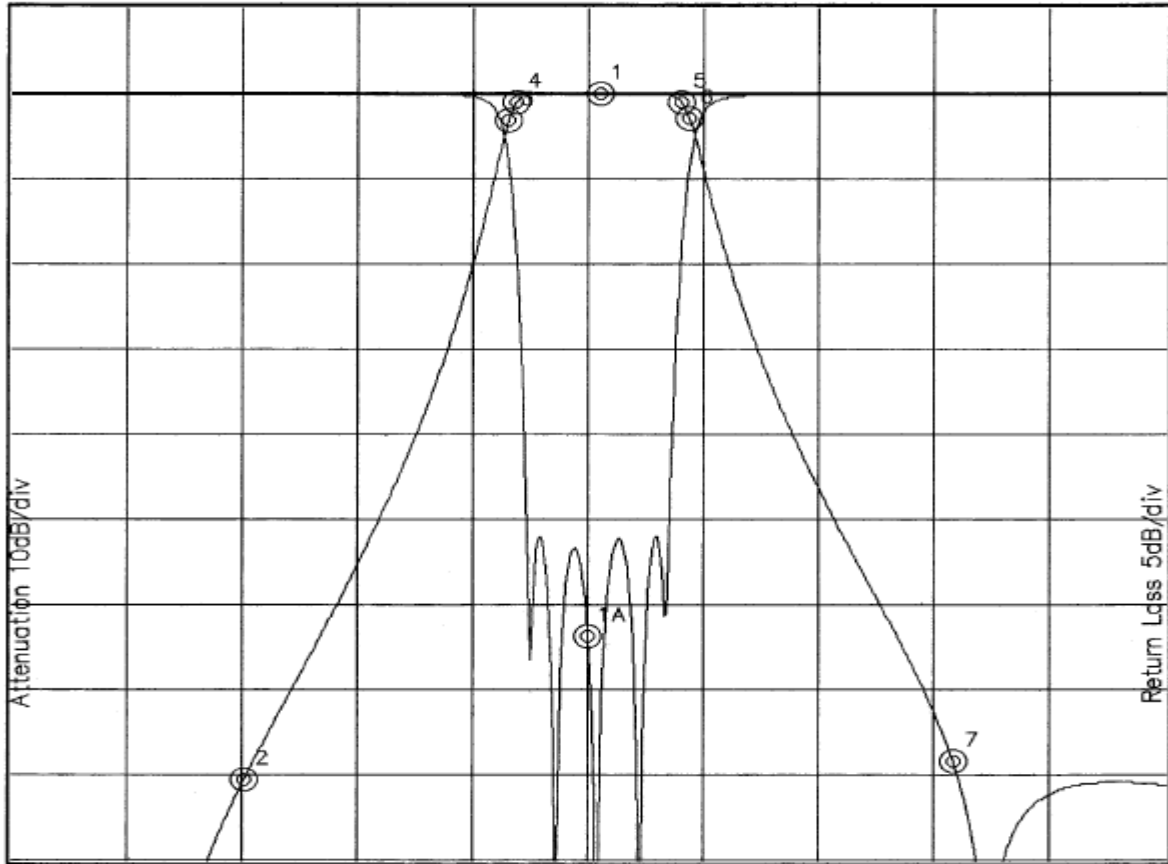


Response Plot:

B5819.lad

JUN 15, 2001

Attenuation/Return Loss



Attenuation Start: 250.0kHz Stop: 900.0kHz

Return Loss Start: 250.0kHz Stop: 900.0kHz

Offset -0.4347dB

- Marker 1 Freq 580.77kHz Atten -0.010dB
- Marker 2 Freq 380.21kHz Atten -81.127dB
- Marker 3 Freq 529.32kHz Atten -3.179dB
- Marker 4 Freq 533.52kHz Atten -1.175dB
- Marker 5 Freq 626.97kHz Atten -1.179dB
- Marker 6 Freq 631.17kHz Atten -2.979dB
- Marker 7 Freq 780.29kHz Atten -78.955dB

Marker 1A Freq 574.47kHz Ret Loss -32.095dB