



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

16000 MHz Cavity Bandpass Filter

Part Number: AE16000B9568



Electrical Specifications

Center Frequency: 16000 MHz
Bandwidth: 3000 MHz Min
Passband: 14500 - 17500 MHz
Passband Insertion loss: 1.0 dB Max
Passband Return Loss: 20 dB Min
Rejection: @ 20000 MHz: 40 dB Min
Rejection: @ 21000 MHz: 50 dB Min
Impedance: 50 Ohms In/Out

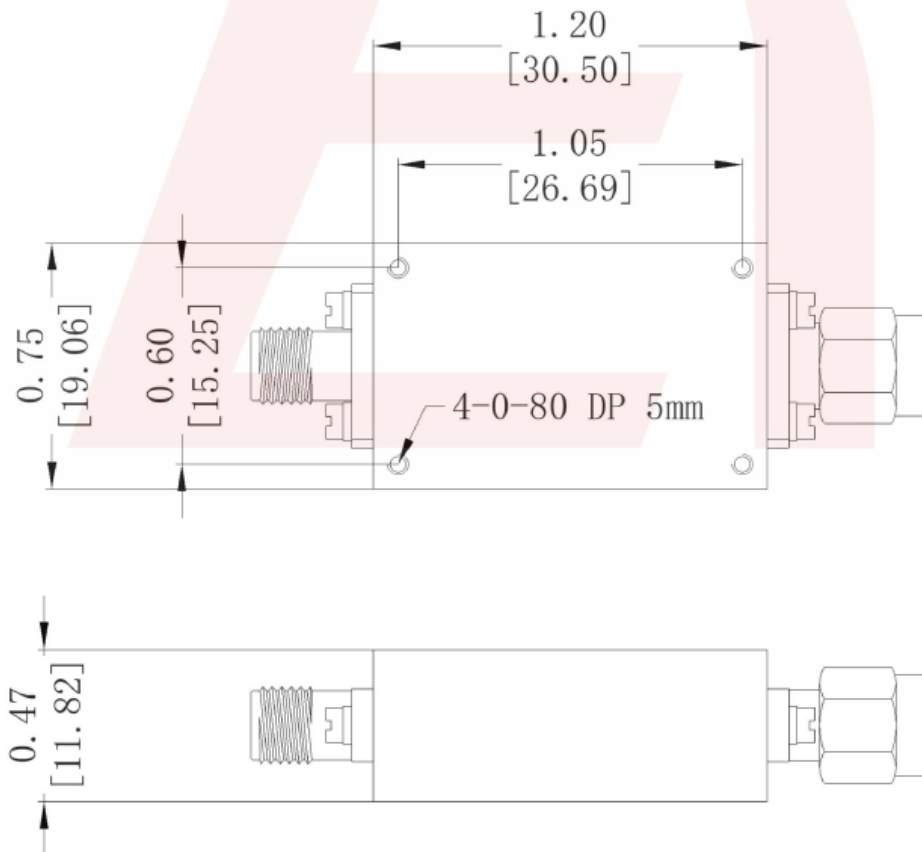
Mechanical

Mounting Method: Threaded Holes
Connector Type: SMA (M) & SMA (F)
Dimensions: 1.20 X 0.750 x 0.465 in

Environmental

Operating Temperature: -25°C to +70°C
Storage Temperature: -40°C to +90°C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 2000 Hz

Outline Drawing:



DS-B9568-08302024-Rev1



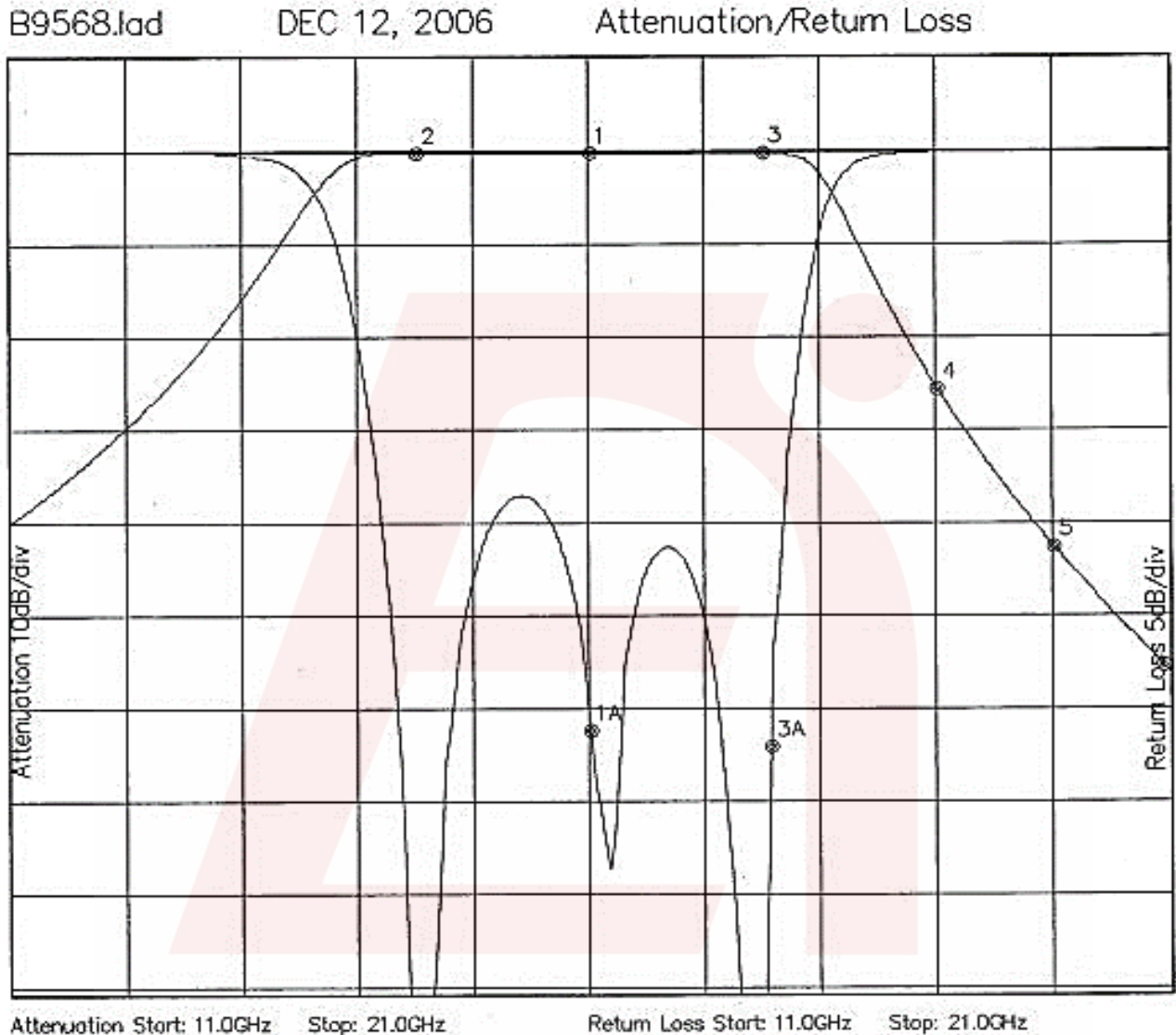
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Response Plot:



Marker 1 Freq 16.008GHz Atten -0.128dB
Marker 2 Freq 14.506GHz Atten -0.142dB
Marker 3 Freq 17.511GHz Atten -0.192dB
Marker 4 Freq 19.013GHz Atten -25.650dB
Marker 5 Freq 20.015GHz Atten -42.635dB
Marker 6 Freq 20.952GHz Atten -55.380dB

Marker 1A Freq 16.008GHz Ret Loss -31.161dB
Marker 2A Freq 14.506GHz Ret Loss -57.467dB
Marker 3A Freq 17.575GHz Ret Loss -32.011dB

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