



# ANATECH ELECTRONICS, INC.

Manufacturer of RF & Microwave Products

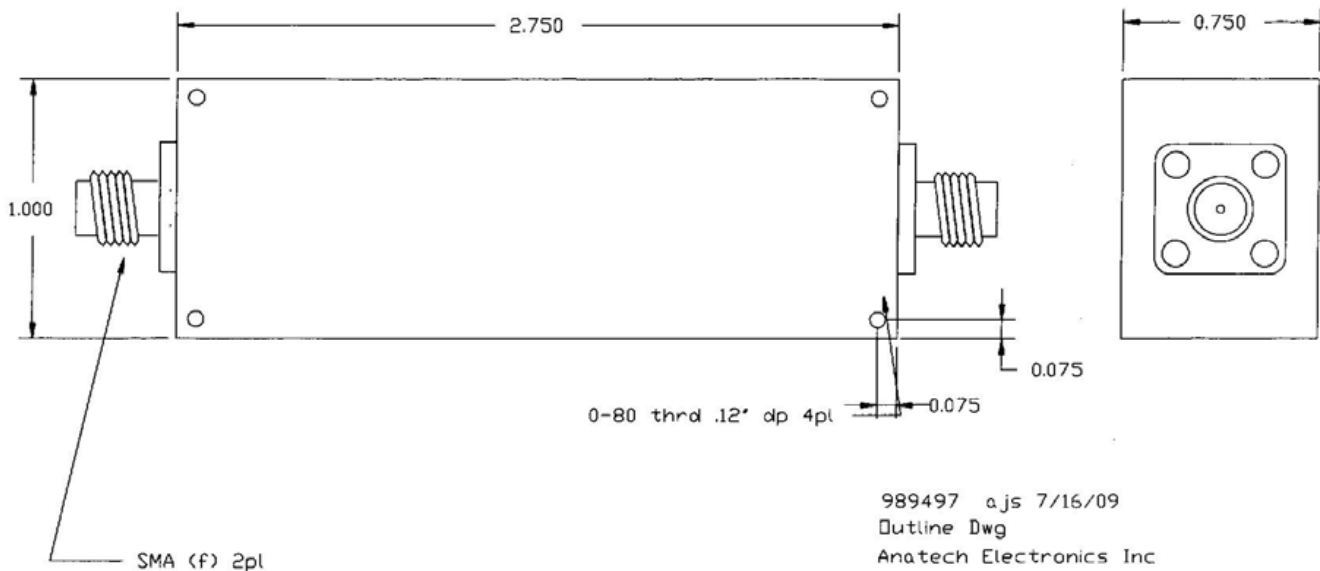


## 60 MHz Band Pass Filter

Part Number: AE60B10368

Center Frequency:	60 MHz
Return Loss at Fc:	15 dB min
Relative BW (3dBc)	16 MHz
Insertion Loss (a tCF):	1.3 dB max
Rejection(at CF+/-40MHz)	40 dB min.
Impedance:	50 Ohm
Humidity:	Up to 95%
Operating Temperature:	-55°C to +85°C
Vibration(5to1000Hz)	10 G max.
Shockfor11msec:	30 G max.
Connector Type:	SMA (F)
Package Dimensions:	0.75"(H) X 1.00"(W) x 2.75"(L)

### Outline Drawing:



Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

\*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

\*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

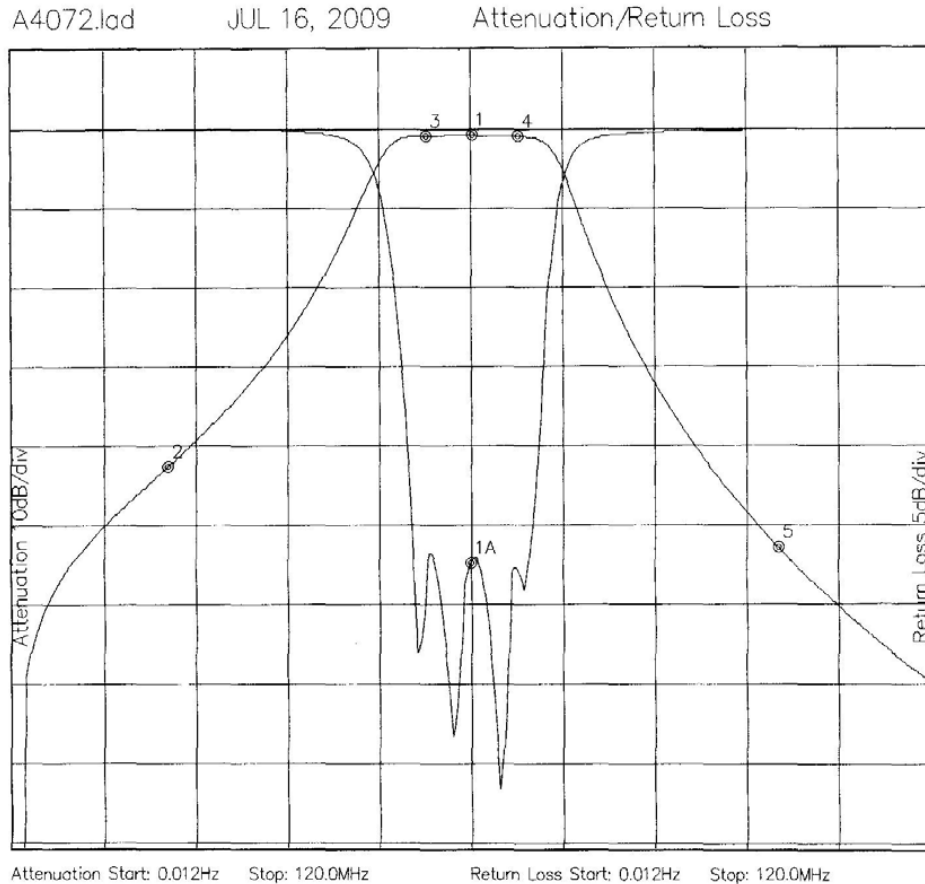
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**60 MHz Band Pass Filter**

**Part Number: AE60B10368**

**Simulation Plot:**



Marker 1 Freq 60.097MHz Atten -0.758dB  
Marker 2 Freq 20.162MHz Atten -42.614dB  
Marker 3 Freq 54.087MHz Atten -0.808dB  
Marker 4 Freq 66.107MHz Atten -0.902dB  
Marker 5 Freq 100.03MHz Atten -52.916dB

Marker 1A Freq 59.903MHz Ret Loss -27.340dB

Note: This is a simulation Plot. Actual response plot might differ once product is manufactured.