



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

60 MHz LC Bandpass Filter

Part Number: AE60B10275



Electrical Specifications

Center Frequency: 60 MHz
Bandwidth: 8 MHz
Passband : 56 MHz to 64 MHz
Insertion Loss: $\leq 4.5\text{dB}$ @ 60 MHz
Return Loss: $>15\text{dB}$ @ 60 MHz
Rejection: $>63\text{dB}$ @ 0-48 MHz
Rejection2: $>63\text{dB}$ @ 72 MHz to 500 MHz
Impedance: 50 Ohms

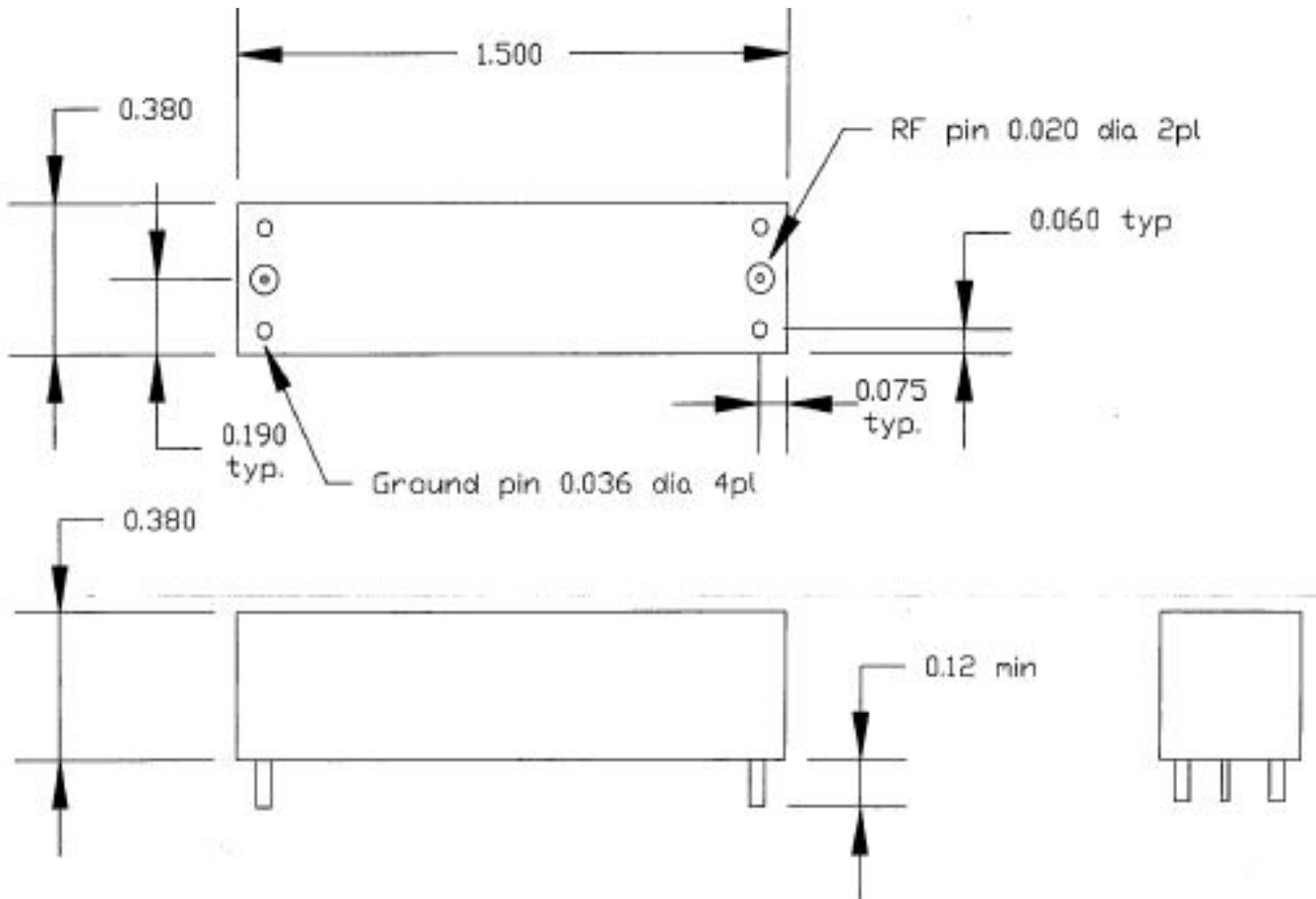
Mechanical

Connector Type: PC-Mount
Dimensions: 1.5" x 0.38" x 0.38" in.

Environmental

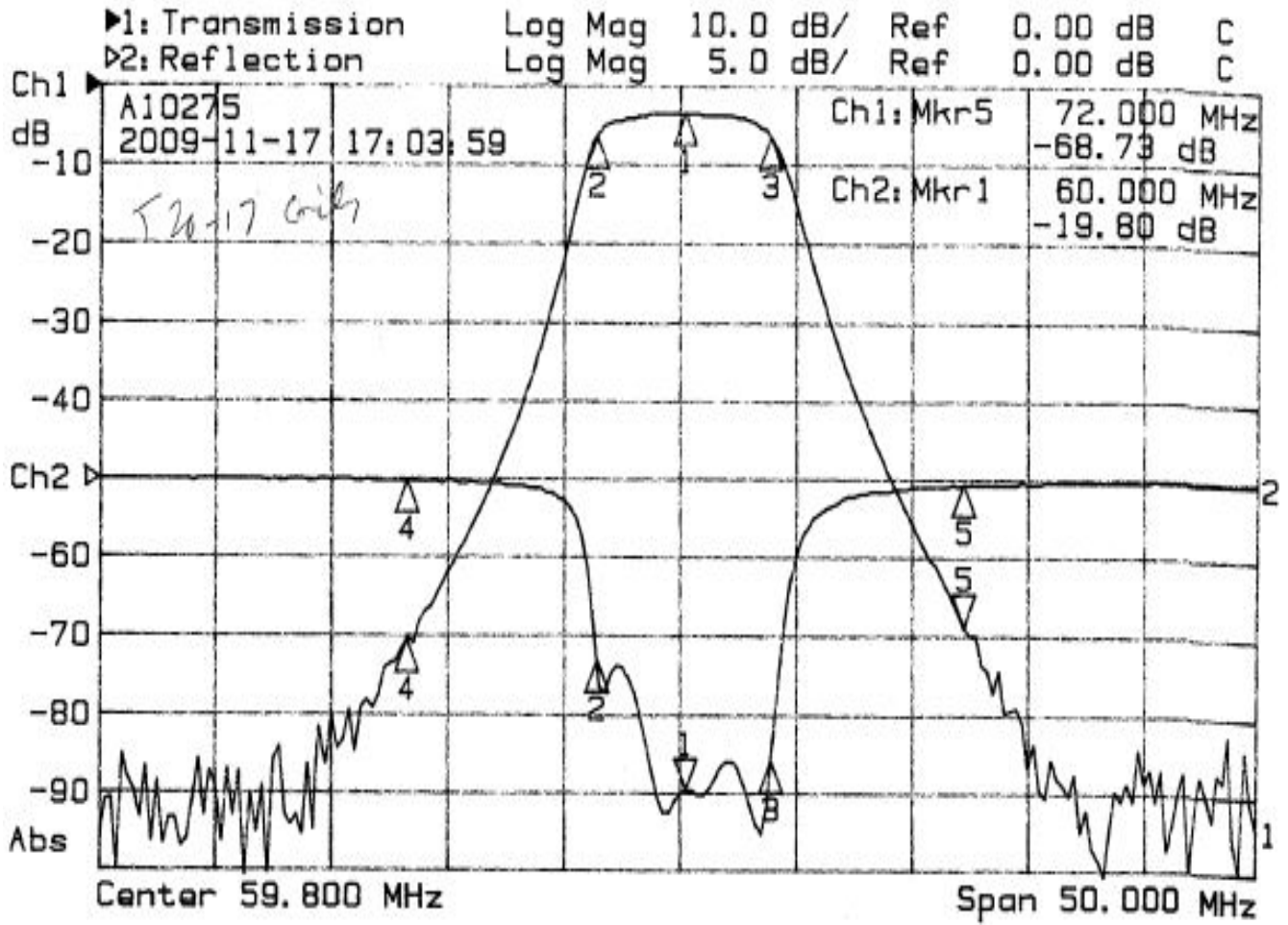
Operating Temperature: -25°C to $+70^{\circ}\text{C}$
Storage Temperature: -40°C to $+90^{\circ}\text{C}$
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 200Hz

Outline Drawing:





Response Plot:



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB		
1:	60.00	-3.46	1>	60.00	-19.80
2:	56.19	-6.43	2:	56.19	-11.58
3:	63.72	-6.46	3:	63.72	-17.90
4:	48.00	-70.63	4:	48.00	-0.16
5>	72.00	-68.73	5:	72.00	-0.36