



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1.5 MHz LC Bandpass Filter

Part Number: AE1.5B4519



Electrical Specifications

Center Frequency: 1.5 MHz
Bandwidth: 0.12 MHz
Passband : 1.44 MHz to 1.56 MHz
Insertion Loss: ≤2.5dB
Return Loss: >14dB
Ripple: <0.1dB @ 1.44 MHz to 1.56 MHz
Rejection: >27dB @ 0-1.36 MHz
Rejection2: >27dB @ 1.64 MHz to 10 MHz
Rejection3: >40dB @ 10 MHz to 25 MHz
Impedance: 270 Ohms

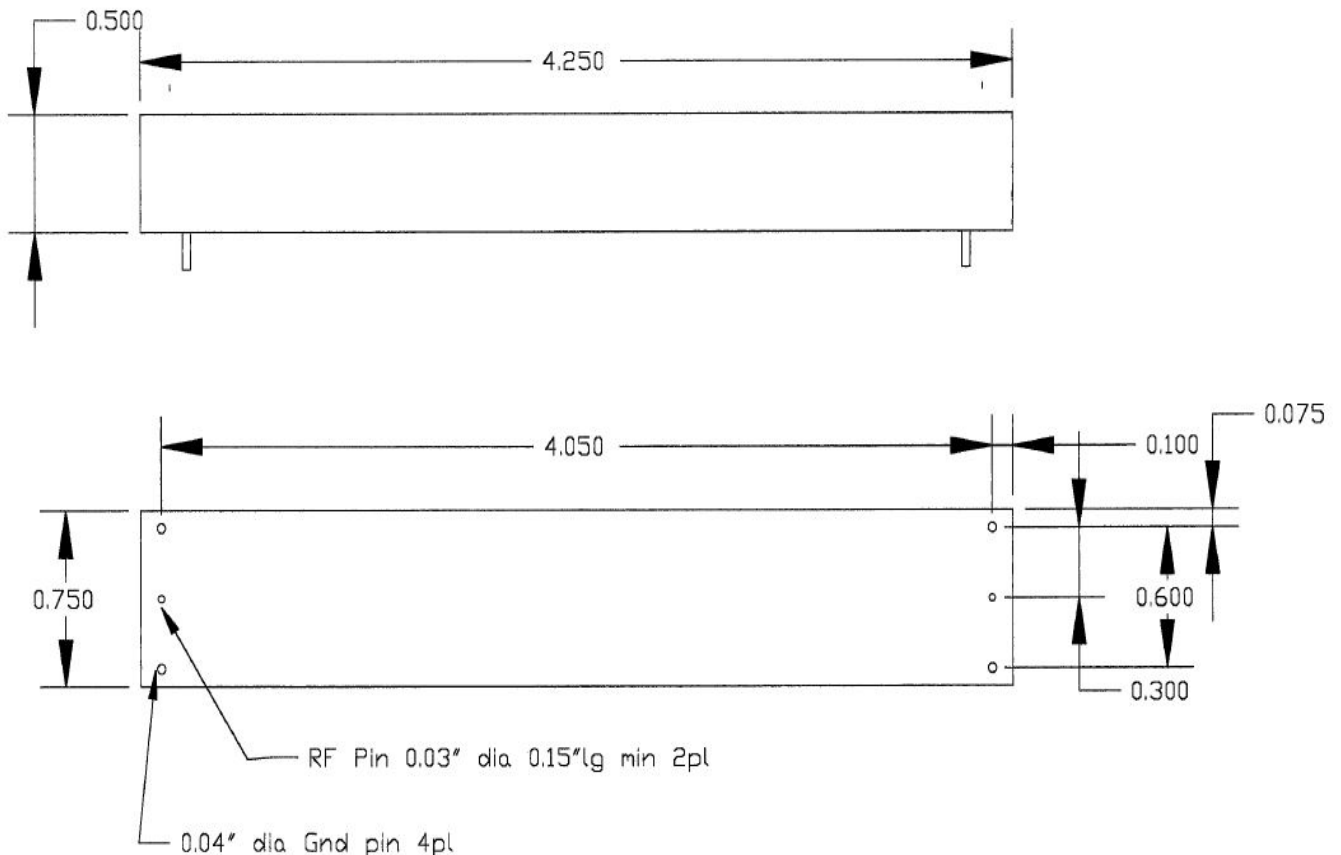
Mechanical

Connector Type: PC-Mount
Dimensions: 4.250" x 0.750" x 0.50" in.

Environmental

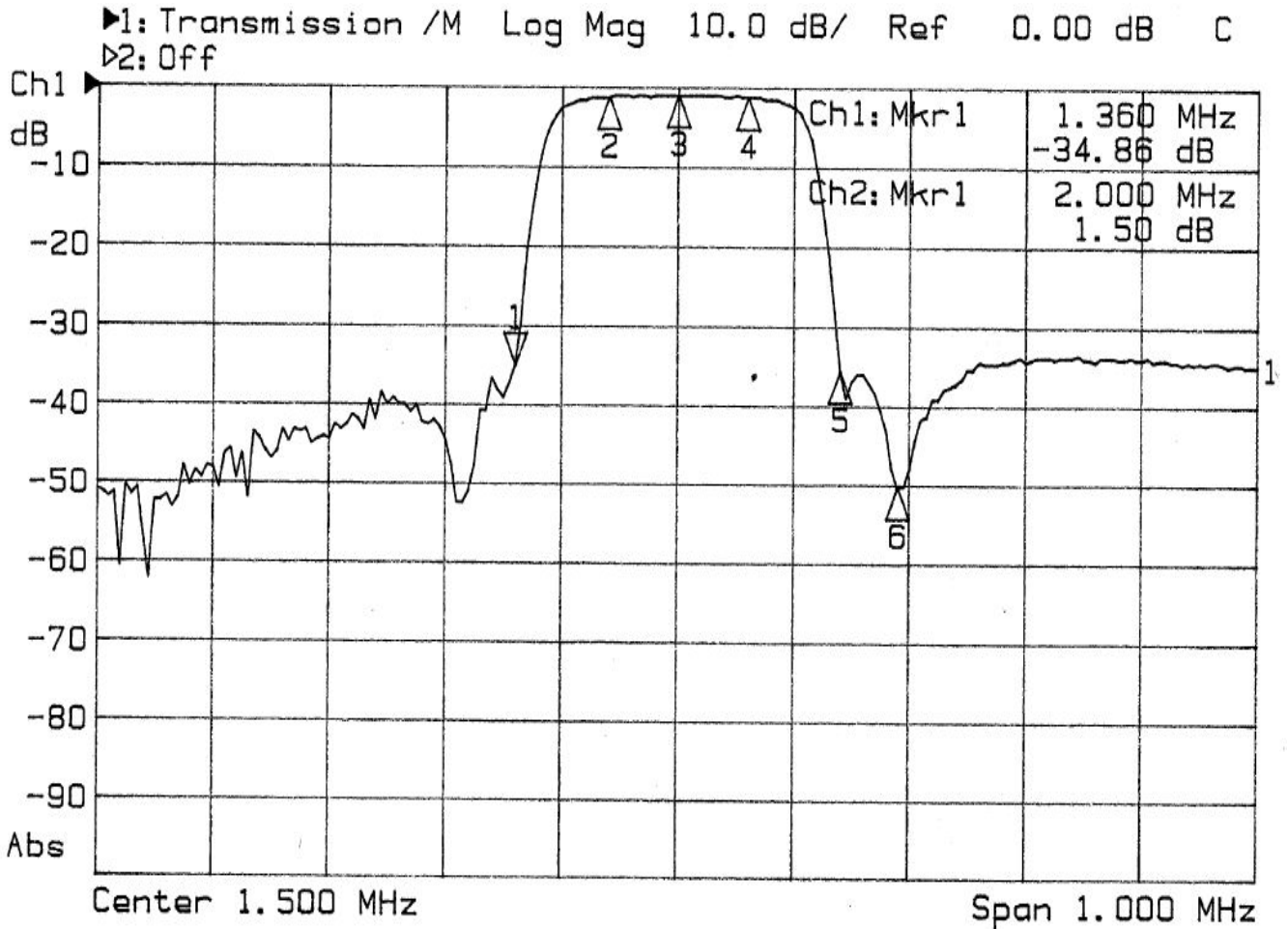
Operating Temperature: -25°C to +70°C
Storage Temperature: -40°C to +90°C
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 200Hz

Outline Drawing:





Response Plot:



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1>	1.36	-34.86	
2:	1.44	-1.11	
3:	1.50	-0.94	
4:	1.56	-1.23	
5:	1.64	-35.53	
6:	1.69	-50.40	