



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

70 MHz LC Band Pass Filter

Part Number: AE70B5736



Electrical Specifications

Center Frequency: 70 MHz

1dB Bandwidth: 15 MHz

Insertion Loss: 3.0 dB Max.

Return Loss: 14 dB Min.

Rejection: ≥ 70 dB @ 51 MHz

Rejection2: ≥ 70 dB @ 89 MHz

Mechanical

Connector Type: PC-Mount

Dimensions: 1.5" X 0.38" x 0.38" .

Environmental

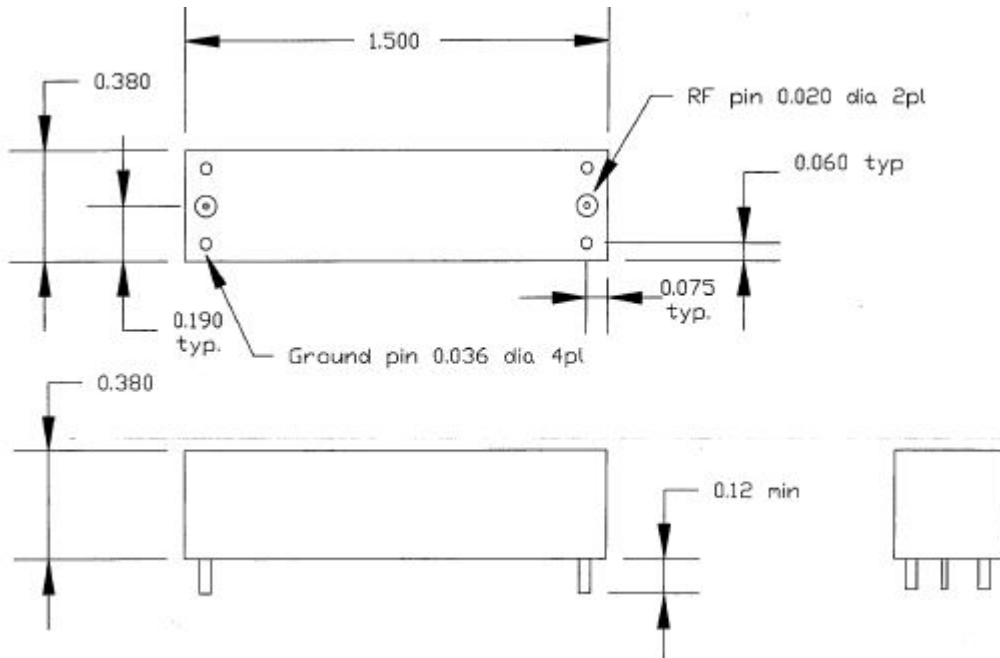
Operating Temperature: -25°C to +70°C

Storage Temperature: -40°C to +90°C

Shock: 10 G. 11ms

Vibration: 10 G. 5 to 200Hz

Outline Drawing:





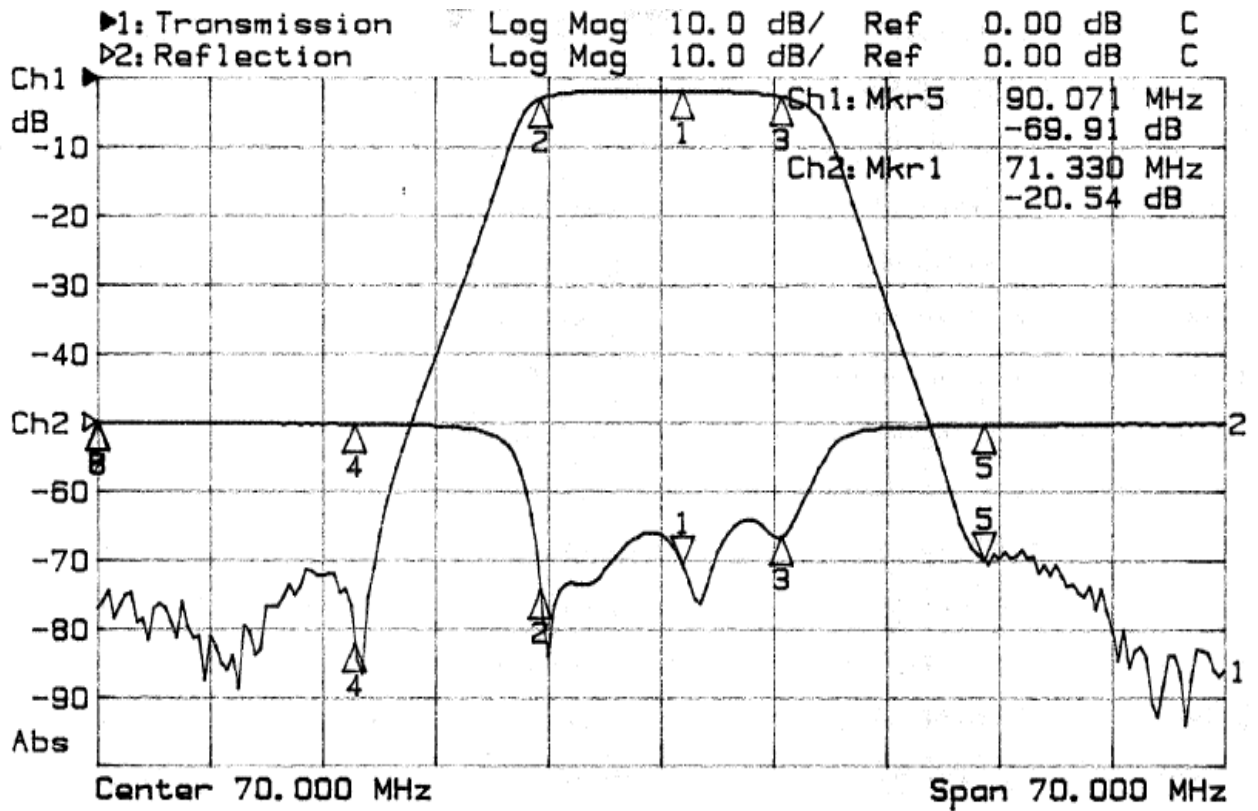
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Response Plot:



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB		
1:	71.33	-1.80	1> 71.33	-20.54	
2:	62.50	-2.98	2:	62.50	-24.49
3:	77.50	-2.83	3:	77.50	-16.66
4:	51.00	-82.13	4:	51.00	-0.20
5>	90.07	-69.91	5:	90.07	-0.30
			6:	35.00	-0.01
			7:	35.00	-0.01
			8:	35.00	-0.01