



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

48 MHz LC Band Pass Filter

Part Number: AE48B5786



Electrical Specifications

Center Frequency: 48 MHz

Passband: 47.25-48.75 MHz

Insertion Loss: 6.0dB Max.

Return Loss: 14dB Min.

Rejection: ≥ 40 dB @ 40 MHz

Rejection2: ≥ 40 dB @ 56 MHz

Mechanical

Connector Type: SMT

Dimensions: 1.0" X 0.5" x 0.4" .

Environmental

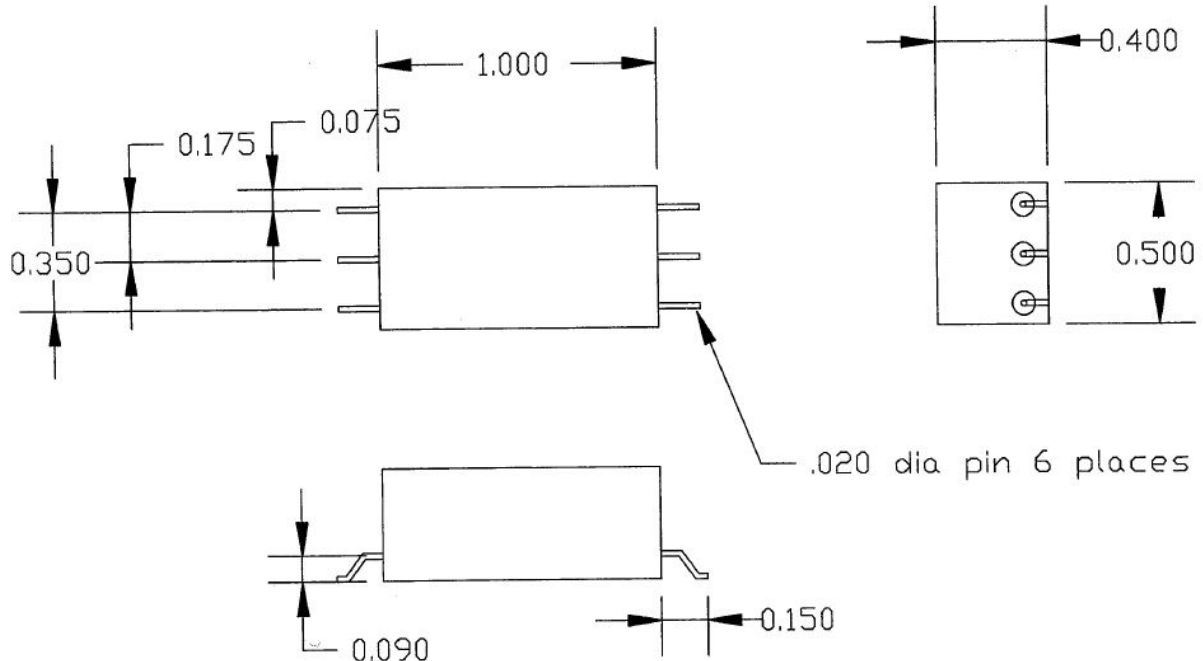
Operating Temperature: -25°C to +70°C

Storage Temperature: -40°C to +90°C

Shock: 10 G. 11ms

Vibration: 10 G. 5 to 200Hz

Outline Drawing:





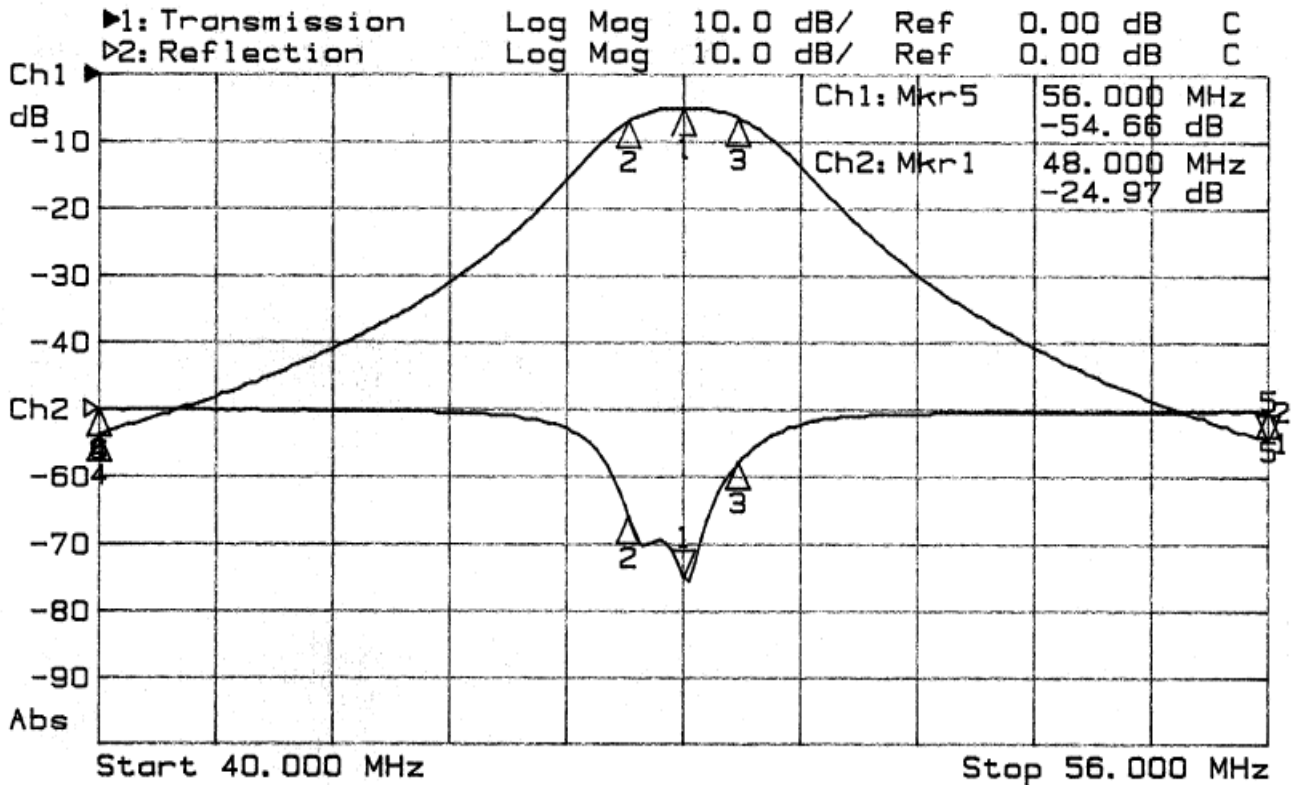
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Response Plot:



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB		
1:	48.00	-4.86	1>	48.00	-24.97
2:	47.25	-6.85	2:	47.25	-16.08
3:	48.75	-6.49	3:	48.75	-7.91
4:	40.00	-53.74	4:	40.00	-0.13
5>	56.00	-54.66	5:	56.00	-0.14
			6:	40.00	-0.13