



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

50 MHz LC Band Pass Filter

Part Number: AE50B5785



Electrical Specifications

Center Frequency: 50 MHz
3.0dB Passband: 48.5-51.5 MHz
Insertion Loss: 6.0dB Max.
Return Loss: 14dB Min.
Rejection: ≥ 45 dB @ 44 MHz
Rejection2: ≥ 45 dB @ 56 MHz

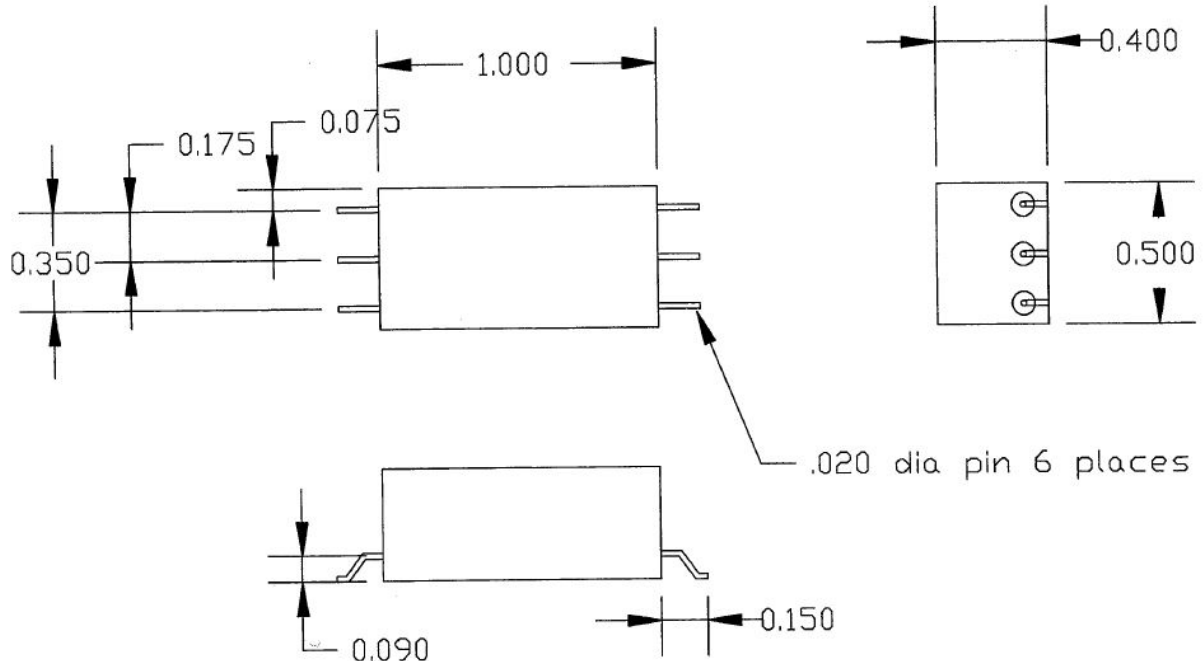
Mechanical

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:





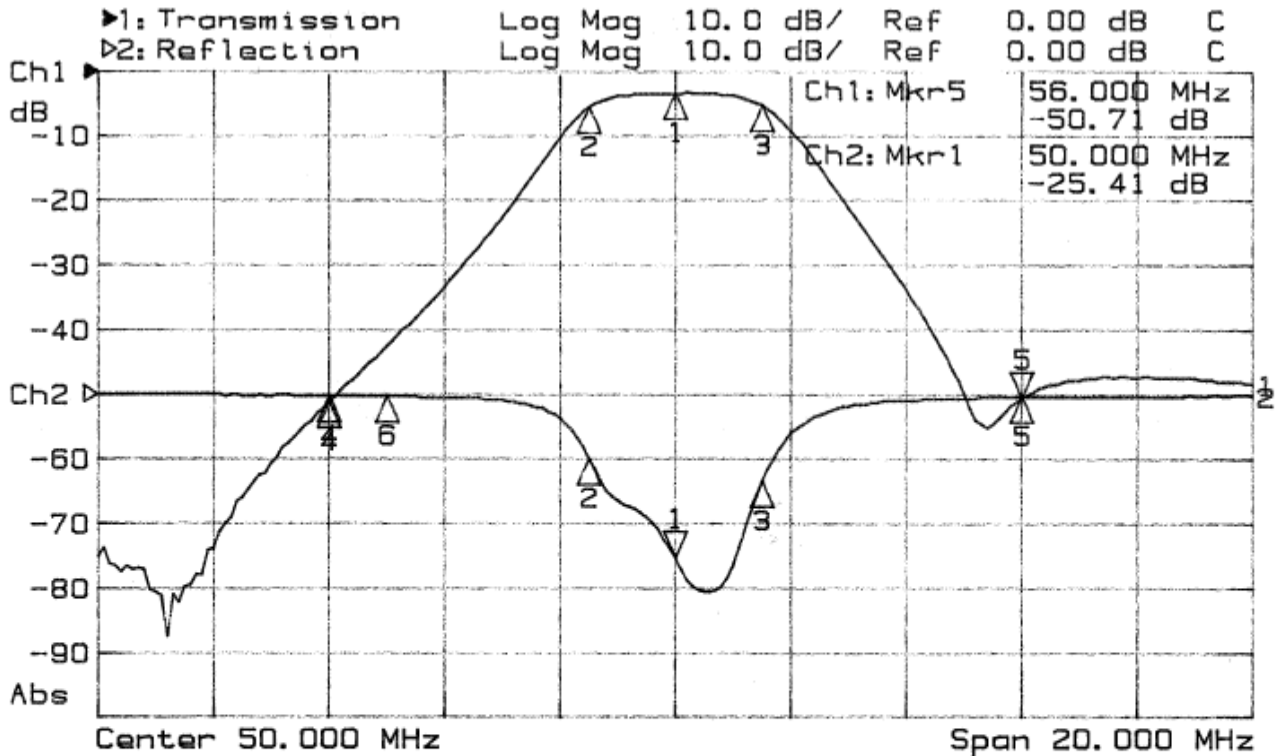
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Response Plot:



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1: 50.00	-3.29	1> 50.00	-25.41
2: 48.50	-5.59	2: 48.50	-9.88
3: 51.50	-5.45	3: 51.50	-13.56
4: 44.00	-51.35	4: 44.00	-0.24
5> 56.00	-50.71	5: 56.00	-0.36
		6: 45.00	-0.31