



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

## 56 MHz LC Band Pass Filter

Part Number: AE56B5784



### Electrical Specifications

**Center Frequency:** 56 MHz  
**3.0dB Passband:** 54.5-57.5 MHz  
**Insertion Loss:** 6.0dB Max.  
**Return Loss:** 14dB Min.  
**Rejection:**  $\geq 50$  dB @ 50 MHz  
**Rejection2:**  $\geq 50$  dB @ 62 MHz

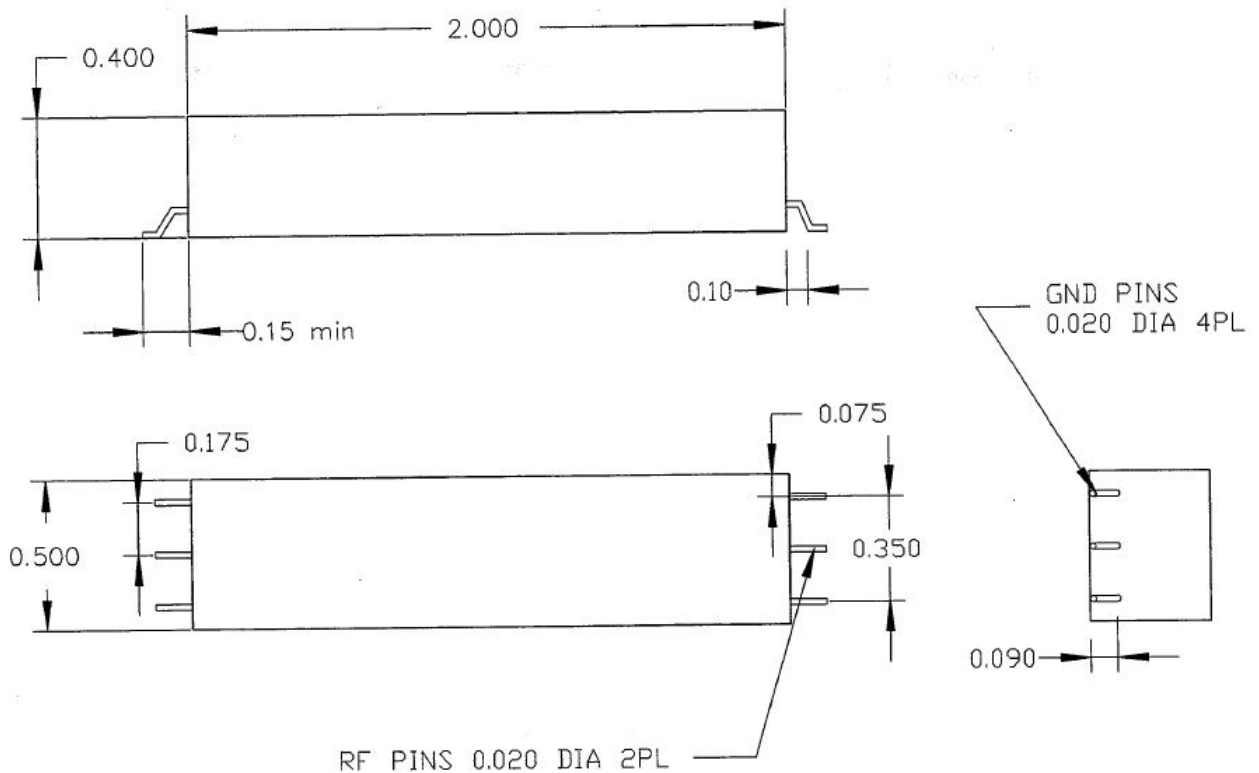
### Mechanical

**Connector Type:** SMT  
**Dimensions:** 2.0" 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:





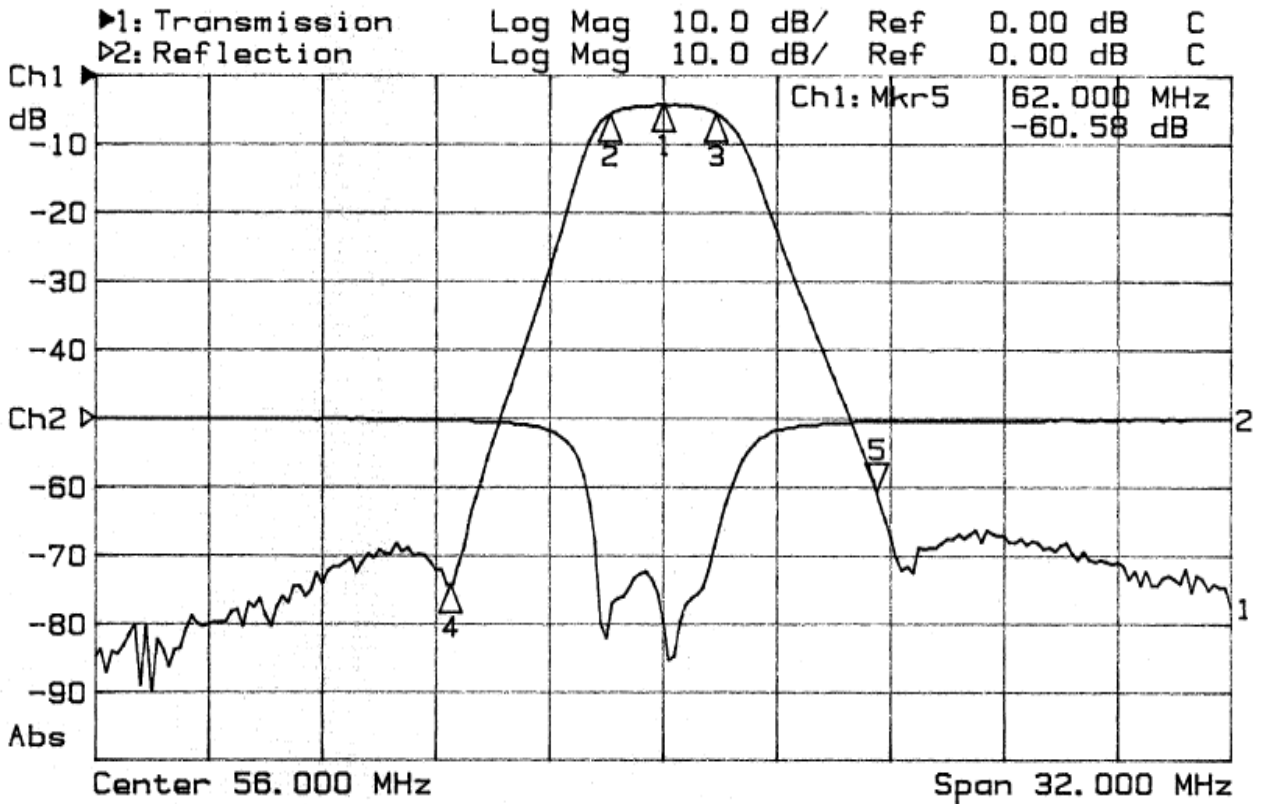
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## Response Plot:



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1:	56.00	-4.21	
2:	54.50	-5.58	
3:	57.50	-5.59	
4:	50.00	-74.37	
5>	62.00	-60.58	