



**Electrical Specifications**

**Center Frequency:** 584 MHz  
**1.0dB Passband:** 559-609 MHz  
**Insertion Loss:** 3.1dB Max.  
**Return Loss:** 14dB Min.  
**Rejection:** ≥ 80dB @ 304 & 840 MHz  
**Rejection2:** ≥ 50dB @ 456 & 700 MHz  
**Rejection3:** ≥ 10dB @ 630 MHz  
**Rejection4:** ≥ 20dB @ 532 MHz

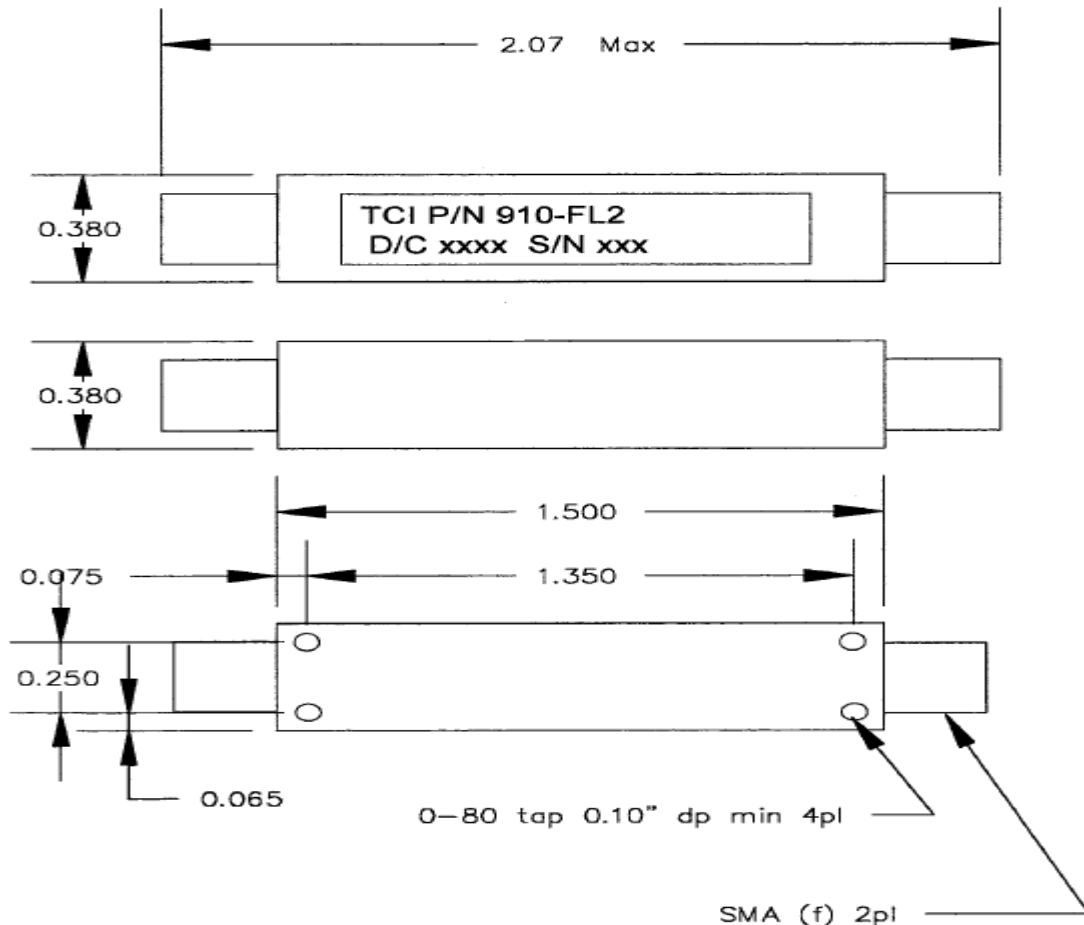
**Mechanical**

**Mounting Method:** Tapped Holes  
**Connector Type:** SMA(F)  
**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:**





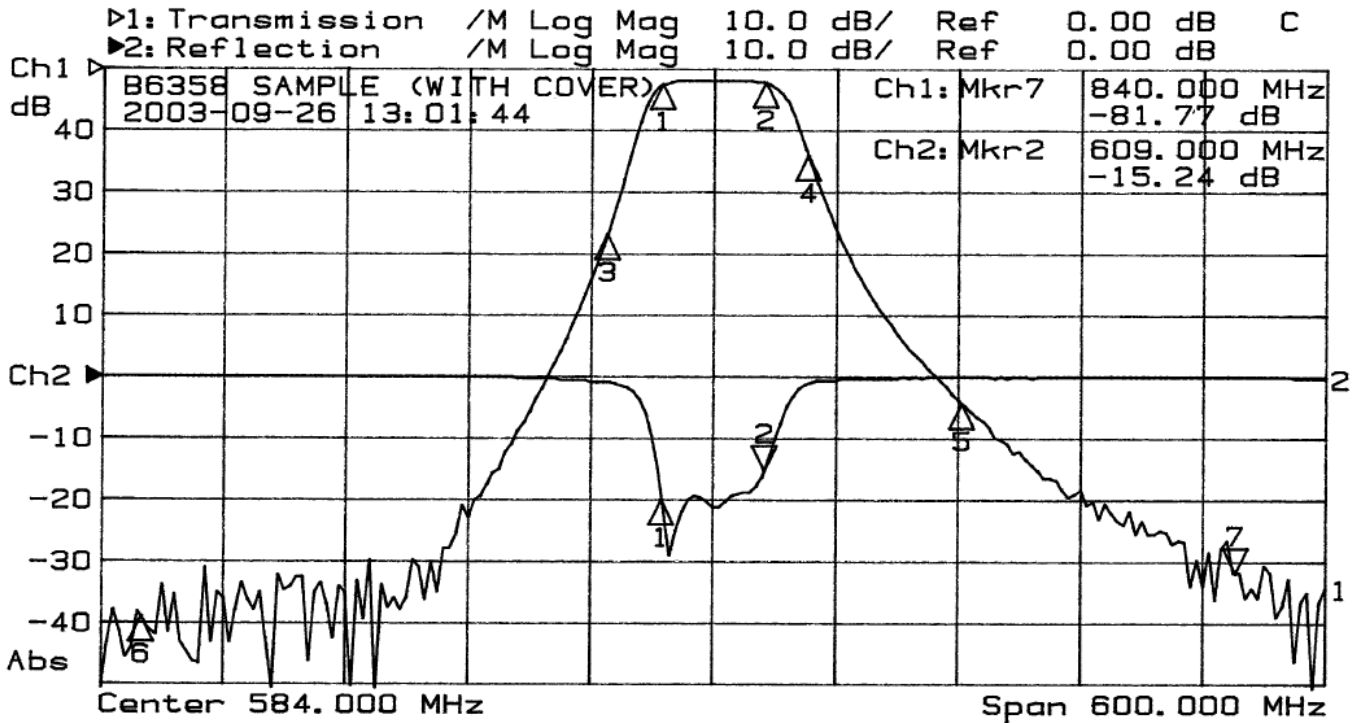
**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 584 MHz LC Band Pass Filter

Part Number: AE584B6358



## Response Plot:



1: Mkr (MHz) dB		2: Mkr (MHz) dB			
1:	559.00	-2.54	1:	559.00	-19.85
2:	609.00	-2.30	2>	609.00	-15.24
3:	532.00	-26.77			
4:	630.00	-14.06			
5:	706.00	-54.41			
6:	304.00	-89.06			
7>	840.00	-81.77			