



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

584 MHz LC Band Pass Filter

Part Number: **AE584B6358**



Electrical Specifications

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

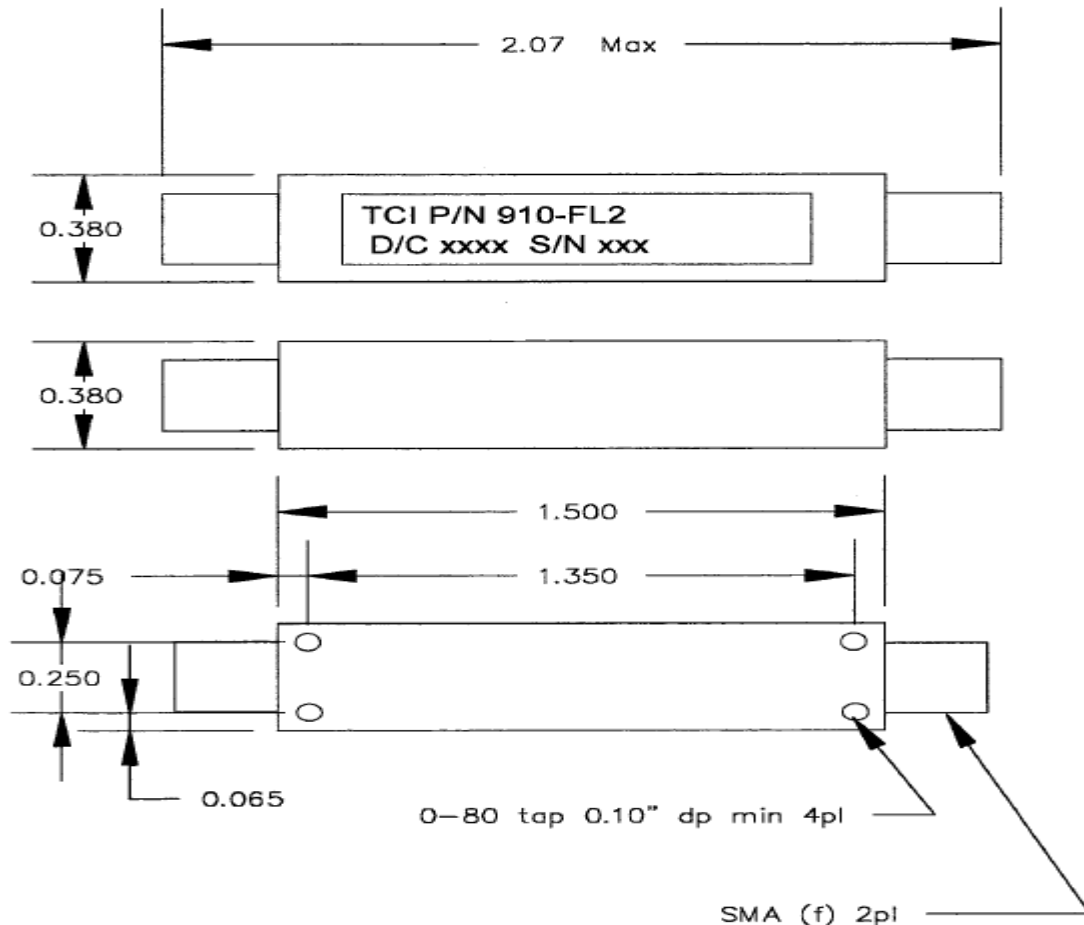
Mechanical

Mounting Method: Tapped Holes
Connector Type: SMA(F)
Dimensions: 1.5" X 0.38" x 0.38" .

Environmental

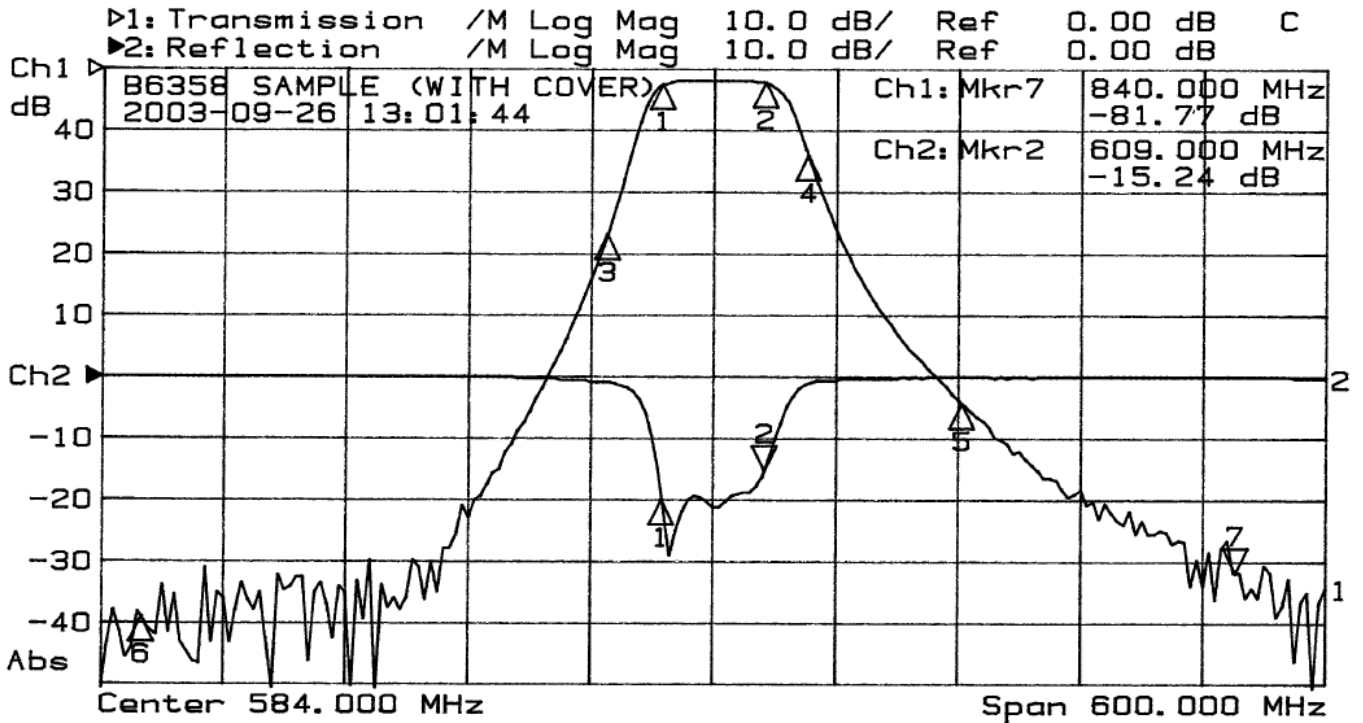
Operating Temperature: -25°C to +70°C
Storage Temperature: -40°C to +90°C
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 200Hz

Outline Drawing:





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		