



Electrical Specifications

Center Frequency: 21.28 MHz
0.5dB Passband(PB): 20.88-21.68 MHz
Insertion Loss @ 21.28MHz: 3.0 dB Max.
Return Loss over PB: 14.0dB Min.
Ripple in PB: 0.1dB Max.
Rejection1: ≥ 40 dB @ 0-12.5 MHz
Rejection2: ≥ 40 dB @ 17.5 MHz
Rejection3: ≥ 40 dB @ 24.5 MHz
Rejection4: ≥ 40 dB @ 26-300 MHz

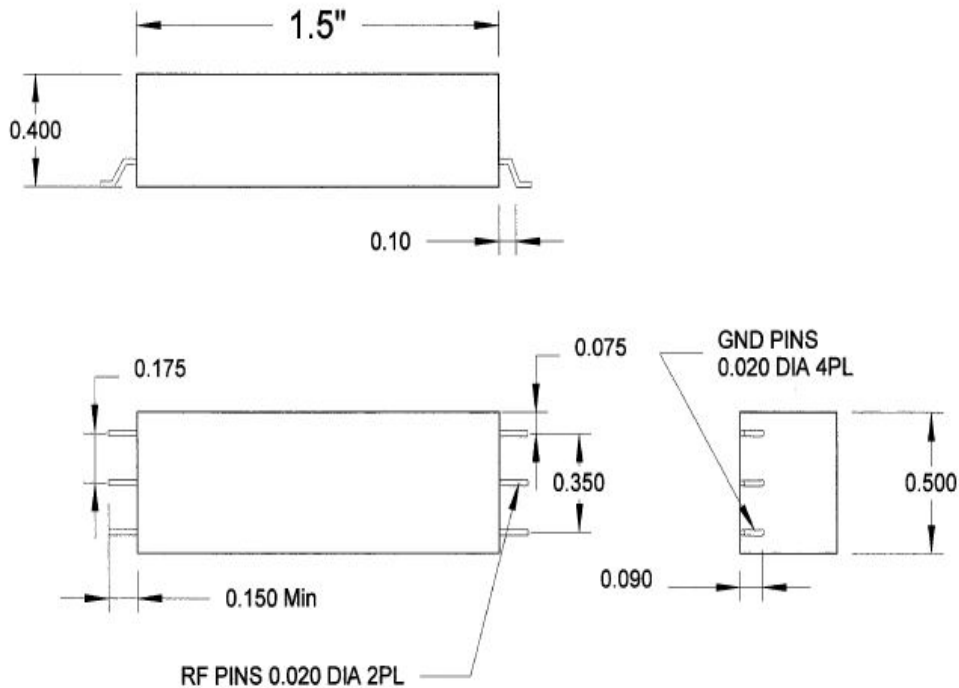
Mechanical

Connector Type: SMT
Dimensions: 1.5" 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:



2 decimal places: +/-0.01 inches [+/- 0.3mm]
 3 decimal places: +/- 0.005 inches [+/- 0.13mm]
 Angles: +/- 1 Deg.

When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.



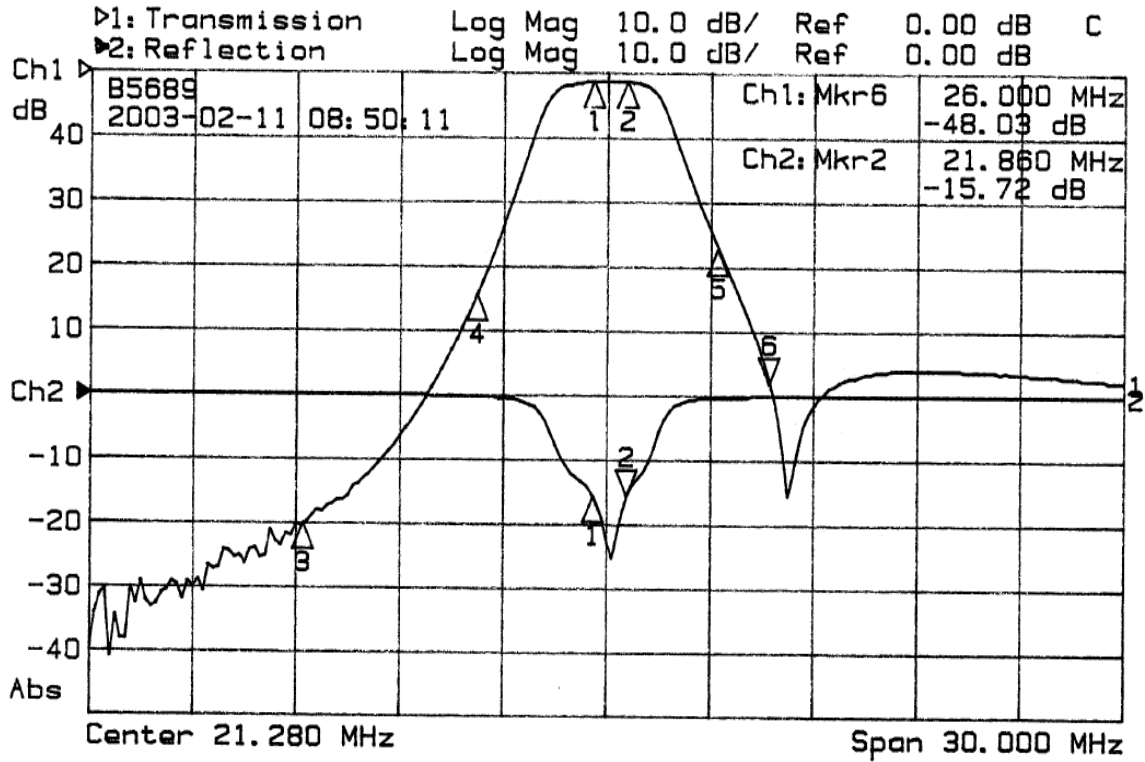
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

21.28 MHz LC Band Pass Filter

Part Number: AE21.28B5689



Response Plot:



1: Mkr (MHz) dB			2: Mkr (MHz) dB		
1:	20.88	-1.25	1:	20.88	-15.73
2:	21.86	-1.39	2>	21.86	-15.72
3:	12.50	-69.96			
4:	17.50	-34.46			
5:	24.50	-27.18			
6>	26.00	-48.03			