



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

9.791 MHz Bandpass Filter

Part Number: AE9.791B6650



Electrical Specifications

Center Frequency: 9.791 MHz
0.5-dB Bandwidth: 9.791 MHz to 10.191 MHz
Insertion Loss: <3 dB
VSWR: 1.5:1
Impedance: 50 Ohms
Rejection: > 20 dB @ 8.81 MHz
Rejection: > 20 dB @ 10.77 MHz
Rejection: > 40 dB @ 6.85 MHz
Rejection: > 40 dB @ 12.73 MHz
Rejection: > 50 dB @ 5.87 MHz
Rejection: > 50dB @ 14.68 MHz

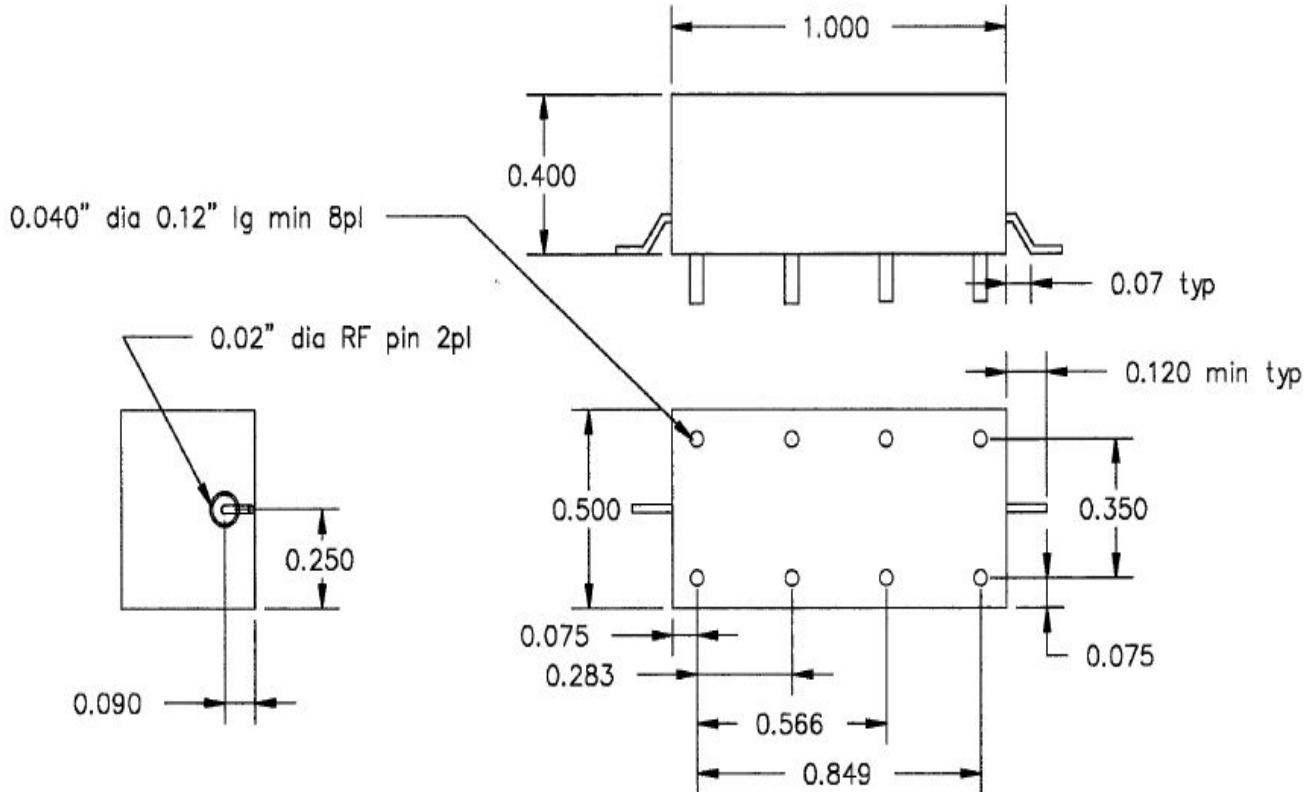
Mechanical

Connector Type: Surface Mount
Dimensions: 1.00" X 0.5" x 0.4" in.

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:





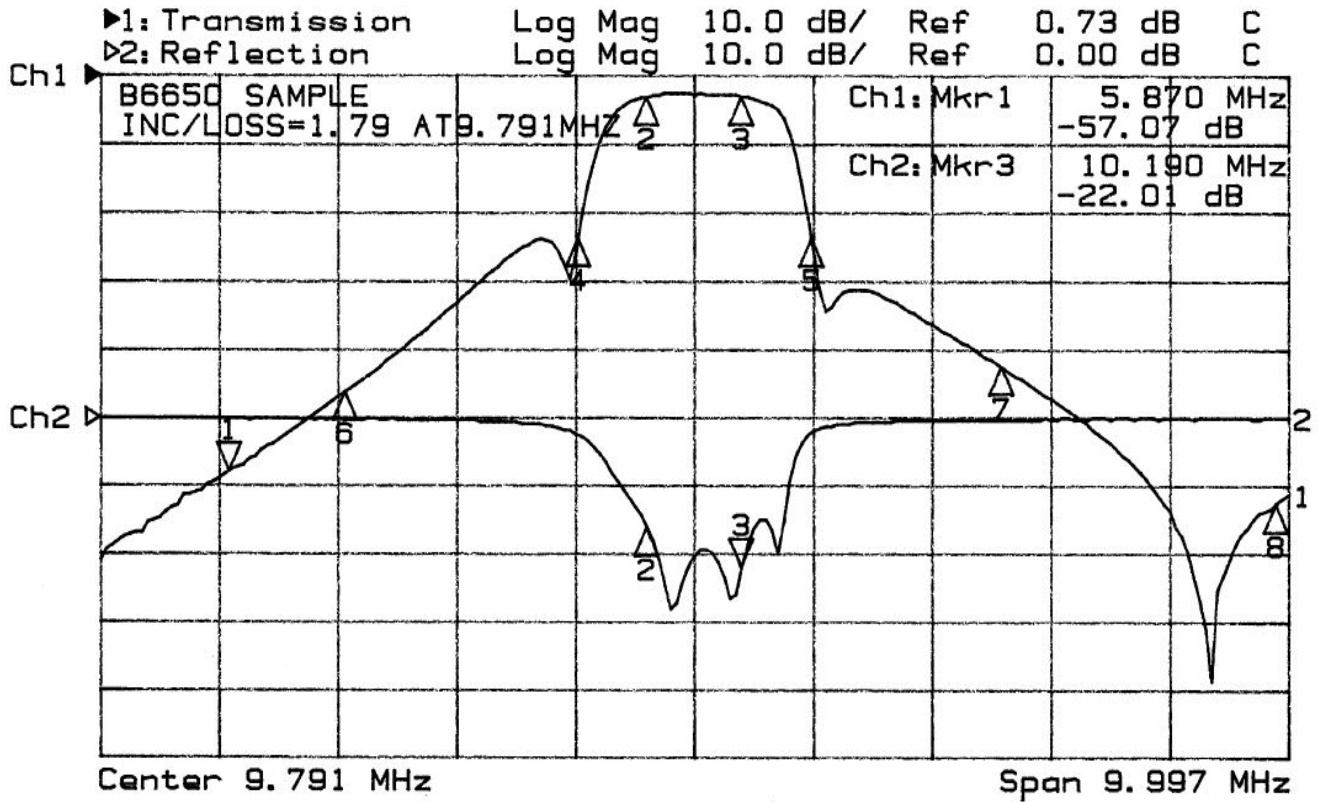
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Response Plot:



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 5.87	-57.07		
2: 9.39	-2.28	2: 9.39	-16.11
3: 10.19	-2.33	3> 10.19	-22.01
4: 8.81	-23.18		
5: 10.77	-22.90		
6: 6.85	-45.48		
7: 12.37	-41.84		
8: 14.68	-62.03		