



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

150 MHz LC Bandpass Filter

Part Number: **AE150B6739**



Electrical Specifications

Center Frequency: 150 MHz
Bandwidth: 20 MHz
Passband: 140 MHz to 160 MHz
VSWR: 1.5:1 @ 145 MHz to 155 MHz
Insertion Loss: <4 dB
Impedance: 50 Ohms
Rejection: > 60 dB @ 0-112.5 MHz
Rejection2: > 60 dB @ 187.5 MHz to 300 MHz

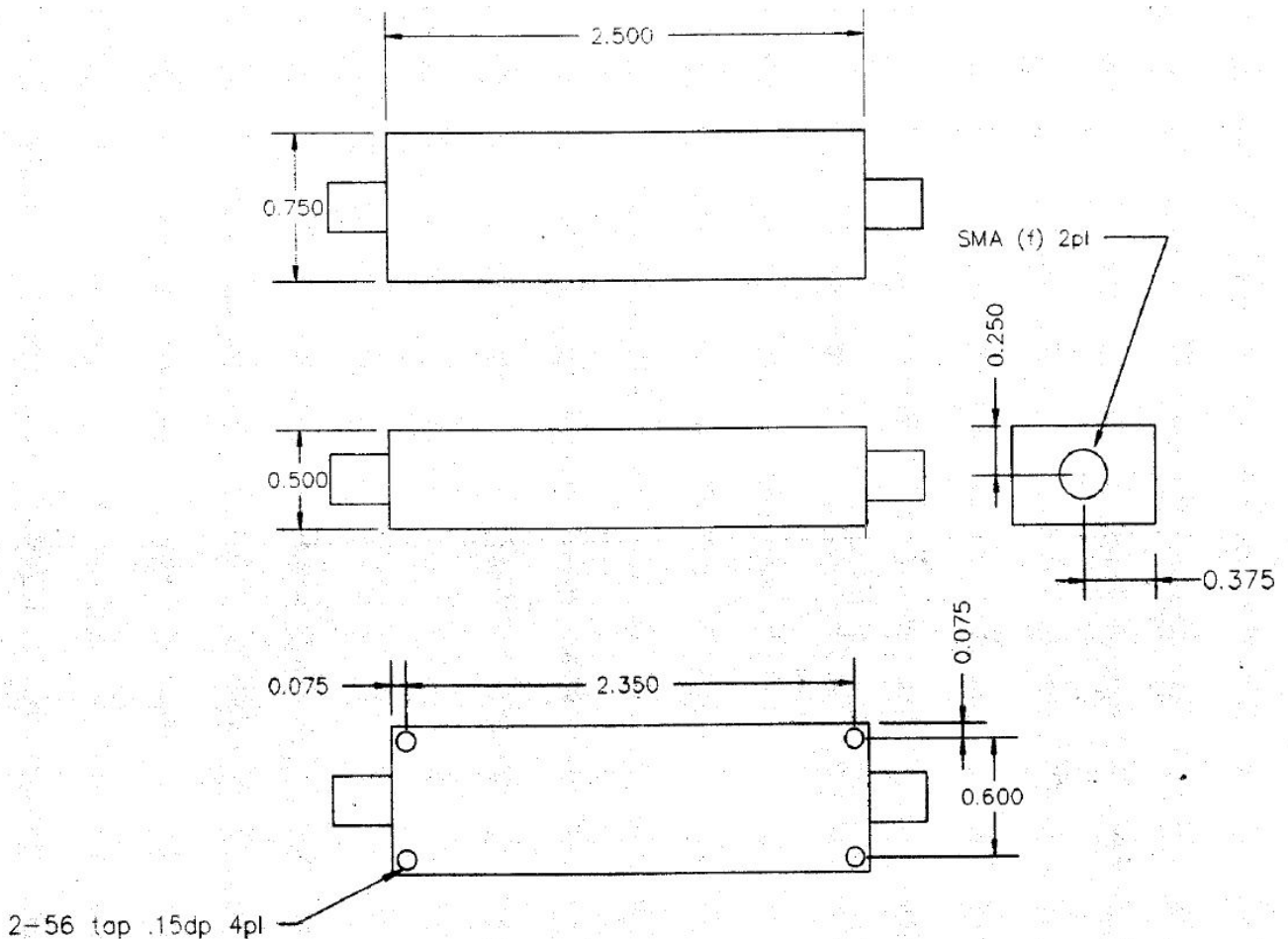
Mechanical

Connector Type: SMA(Female)
Dimensions: 2.50" X 0.75" x 0.50" 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:





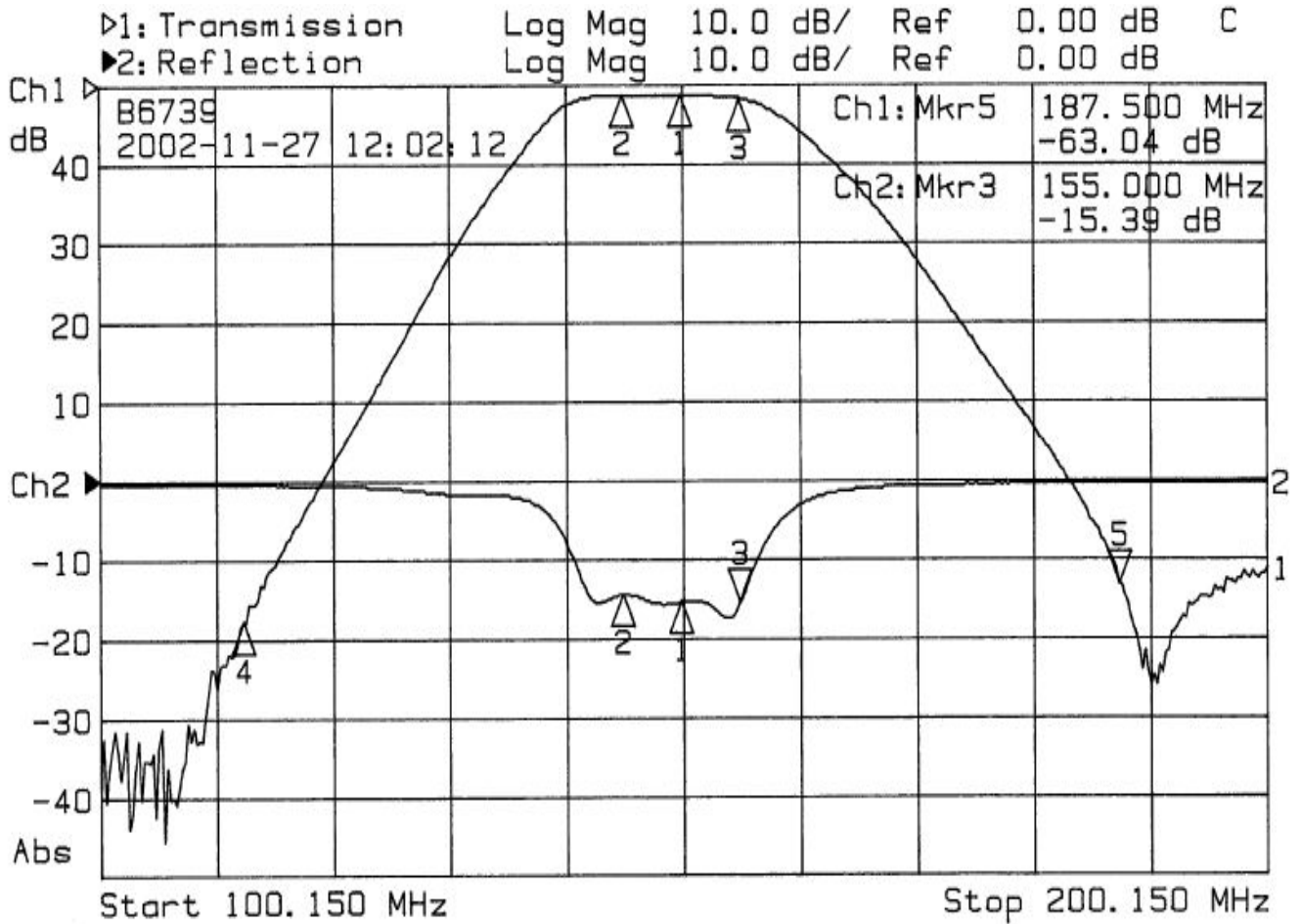
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Response Plot:



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1: 150.00	-1.21	1: 150.00	-15.40
2: 145.00	-1.26	2: 145.00	-14.45
3: 155.00	-1.73	3> 155.00	-15.39
4: 112.50	-67.70		
5> 187.50	-63.04		