



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

401 MHz LC Bandpass Filter

Part Number: AE401B9821



Electrical Specifications

Center Frequency: 401 MHz
Bandwidth: 12 MHz
Passband : 395 MHz to 407 MHz
Insertion Loss: $\leq 4.5\text{dB}$ @ 401 MHz
Return Loss: $>14\text{dB}$ @ 401MHz
Rejection: $>50\text{dB}$ @ 0-370 MHz
Rejection2: $>40\text{dB}$ @ 435 MHz to 1000 MHz
Impedance: 50 Ohms

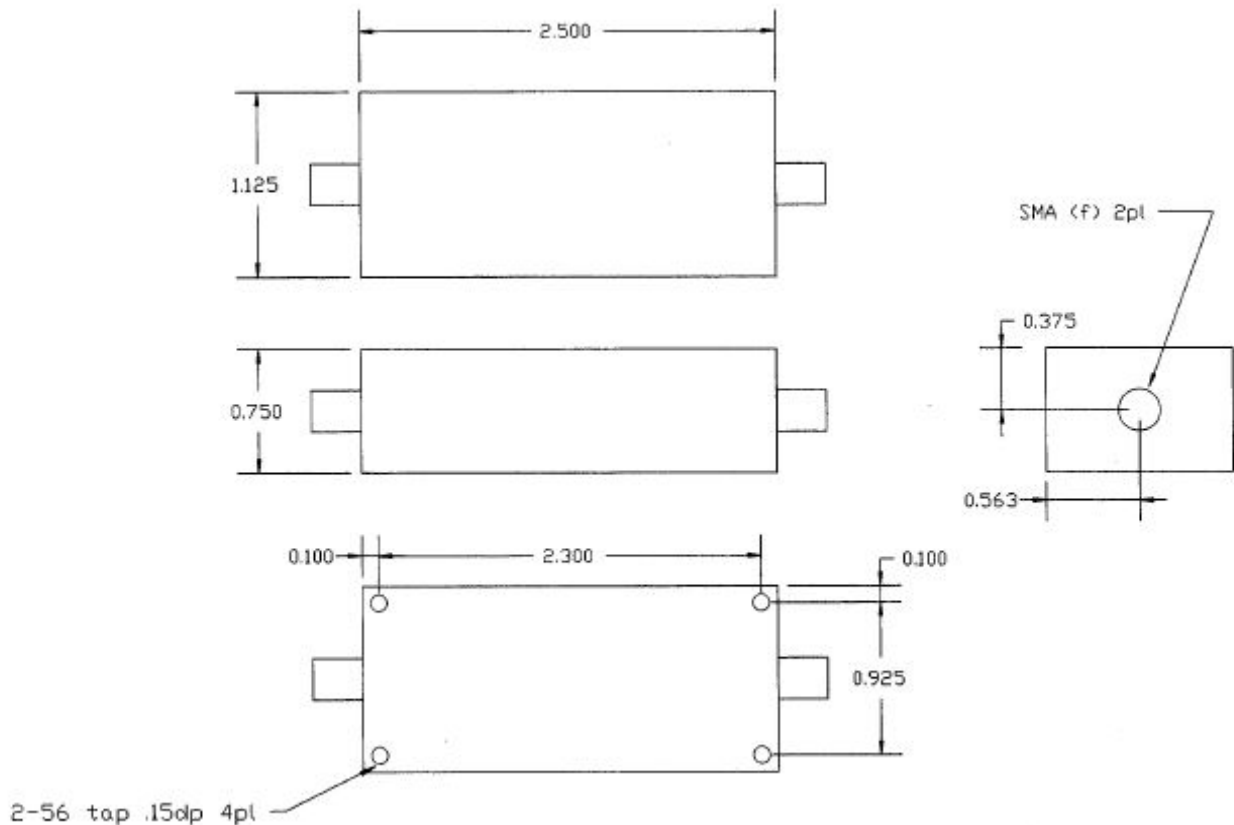
Mechanical

Connector Type: SMA
Dimensions: 2.5" x 1.125" x 0.75" in.

Environmental

Operating Temperature: -25°C to $+70^{\circ}\text{C}$
Storage Temperature: -40°C to $+90^{\circ}\text{C}$
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 200Hz

Outline Drawing:





Response Plot:

19 Jun 2007 07:45:35

CH1 S₁₁ log MAG 5 dB/ REF 0 dB 1 -16.059 dB
CH2 S₂₁ log MAG 3.5 dB/ REF 0 dB 1 -3.0925 dB

