



Electrical Specifications

Center Frequency: 1183 MHz
Bandwidth: 85 MHz
Passband : 1140 MHz to 1225 MHz
Insertion Loss: $\leq 4\text{dB}$ @ 1183 MHz
Return Loss: $>14\text{dB}$ @ 1150 MHz to 1215 MHz
Rejection: $>50\text{dB}$ @ 0-1000 MHz
Rejection2: $>50\text{dB}$ @ 1350 MHz to 4000 MHz
Impedance: 50 Ohms

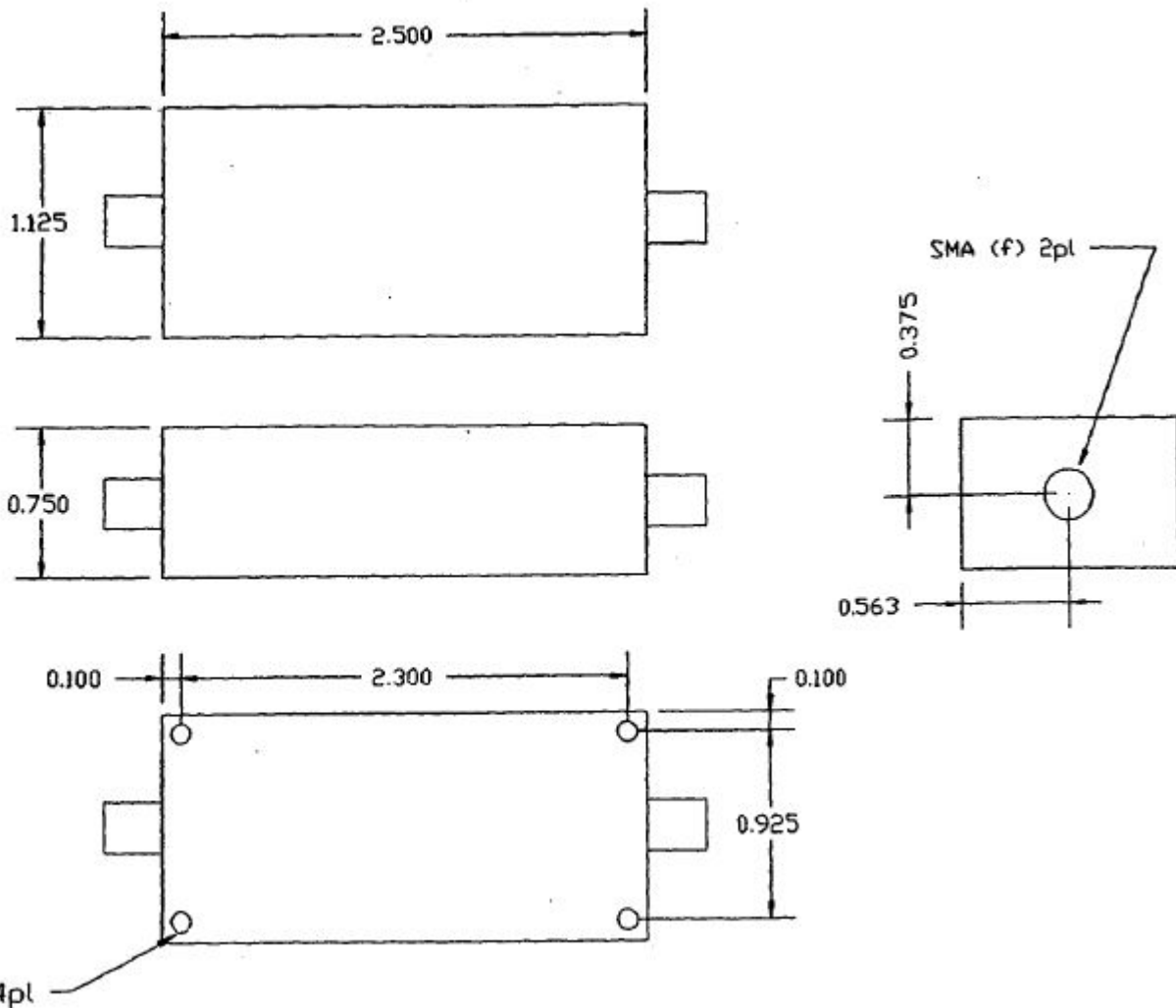
Mechanical

Connector Type: SMA(F)
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:





ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

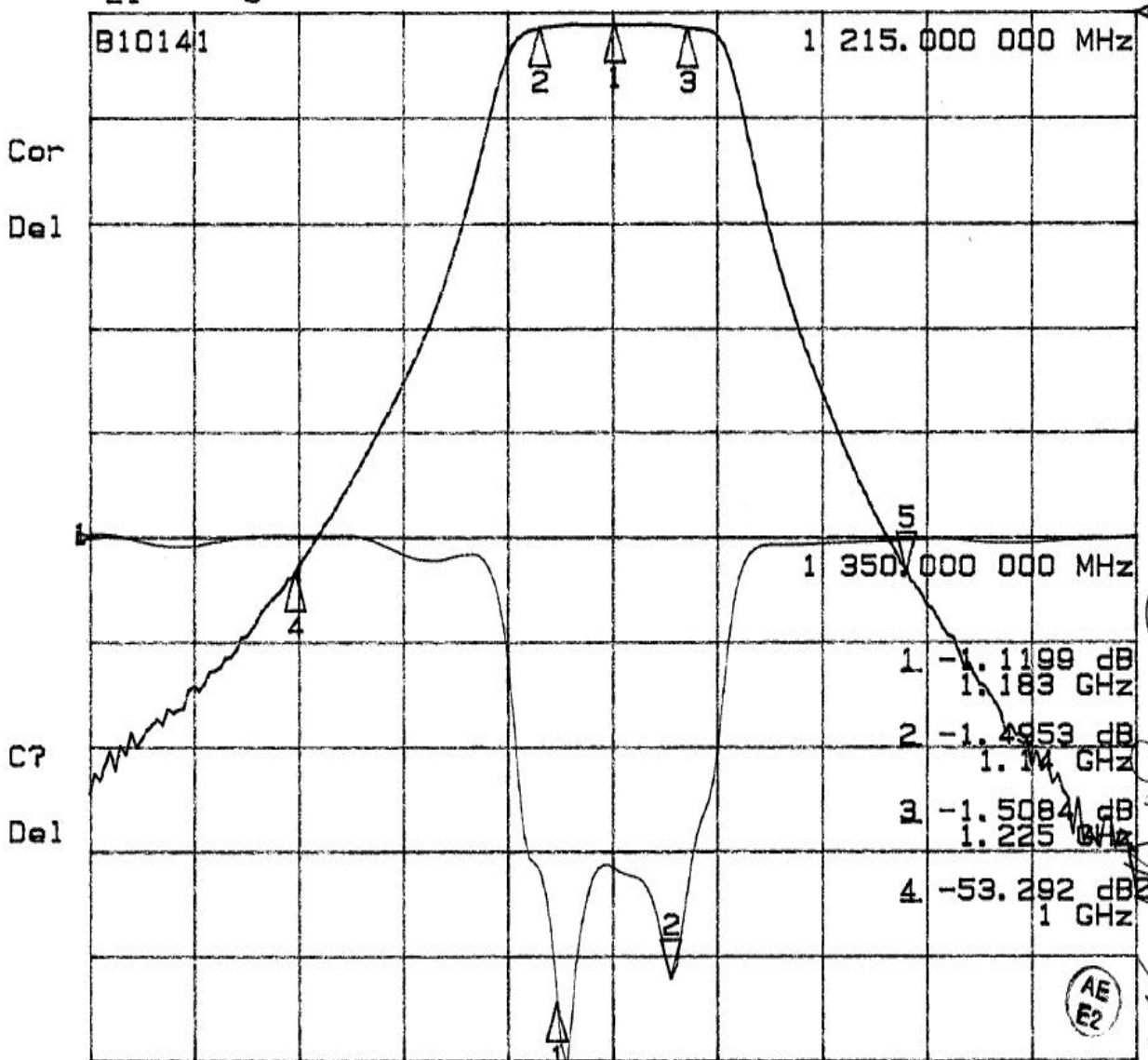
1183 MHz LC Bandpass Filter

Part Number: AE1183B10141



Response Plot:

19 Aug 2009 14:38:09
 CH1 S₁₁ log MAG 5 dB/ REF 0 dB 2, -21.014 dB
 CH2 S₂₁ log MAG 10 dB/ REF 0 dB 5, -53.139 dB



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CENTER 1 182.000 000 MHz

SPAN 600.000 000 MHz