



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

112.5 MHz Cavity Bandpass Filter

Part Number: AE112B10244



Electrical specifications

Center Frequency: 112.5 MHz
Bandwidth: 1 MHz
Input / Output Impedance: 50 Ohms
Passband: 112-113 MHz
Passband Insertion Loss: <1.5 dB over PB
Passband Ripple: <0.2 dB
Passband Return Loss: >15 dB over PB
Rejection: >60 dB @ 0-107.5 MHz
Rejection 2: >60 dB @ 117.5-500 MHz
Power Handling: 50 W

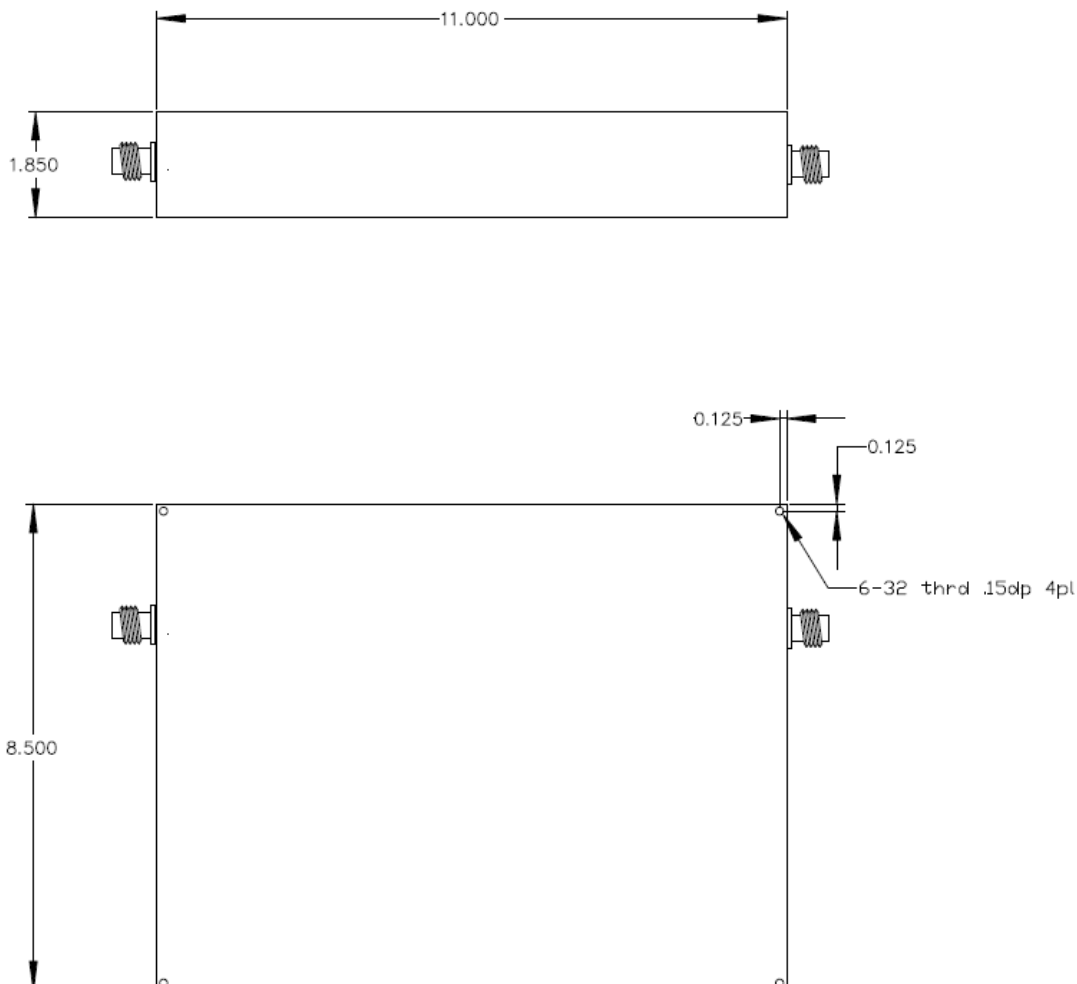
Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: W Type (F)
Dimensions: 11" x 8.5" x 1.85"

Environmental

Operating Temperature: -40 to +85 deg.C
Storage Temperature: -55 to +95 deg.C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 MHz

Outline Drawing:





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Response Plot:

