

112.5 MHz Cavity Bandpass Filter

Part Number: AE112B10244-S



Electrical specifications

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

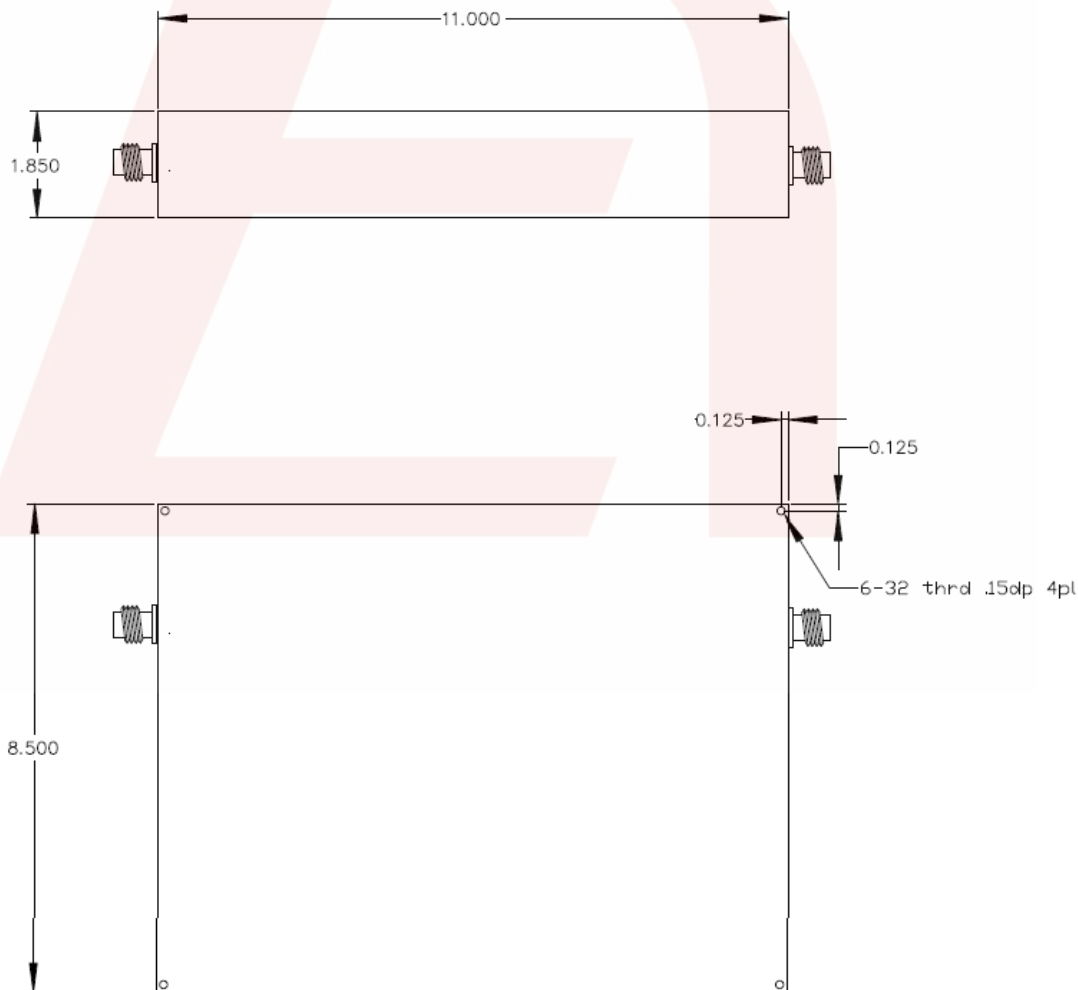
Mechanical

Mounting Method: Threaded Holes
Connector Type: SMA (F)
Dimensions: 11 x 8.5 x 1.85Q

Environmental

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

Outline Drawing:



DS-B11252-S-10172024-Rev0

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Response Plot:

