ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5500 MHz WIFI Cavity Filter

Part Number: AB5500B954

ISO 9001 CERTIFIED

Electrical Specifications

Center Frequency: 5500 MHz
Bandwidth: 20 MHz
Passband: 5490 - 5510 MHz
Passband Insertion Loss: 1.75 dB Max
Passband Return Loss: 14 dB Min
IL Variation: 0.75 dB
Passband Ripple: 0.2 dB Max
Rejection: DC - (CF-20) MHz 20 dBc Min
Rejection: (CF+20) MHz -6200 MHz 20 dBc Min
Input / Output Impedance: 50 Ohms
Power Handling: 25 W CW
Group Delay Variation: 4 ns over any 0.5 MHz

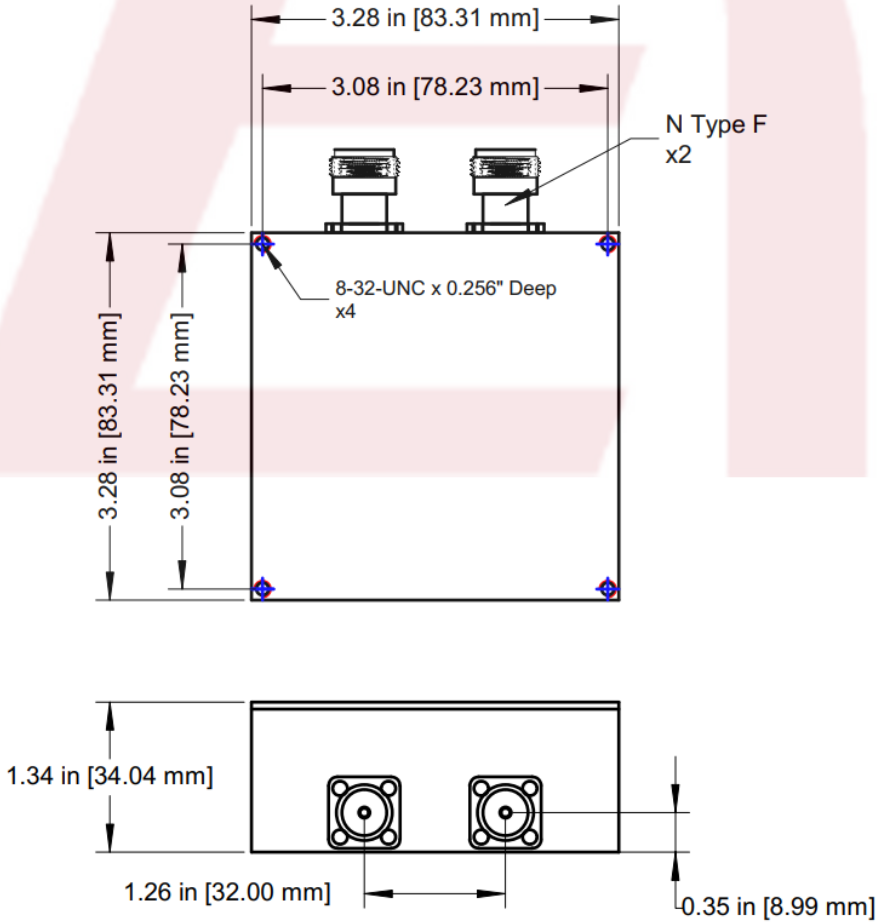
Mechanical

Mounting Method: Threaded Holes
Connector Type: N-Type (F)
Dimensions: 3.28 x 3.28 x 1.34 in
83.31 x 83.31 x 34.04 mm

Environmental

Operating Temperature: -30°C to +60°C
Storage Temperature: -55°C to +95°C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 2000 Hz

Outline Drawing:



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