



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

3.4 - 3.6 GHz Cavity Bandpass Filter

Part Number: AB3500B510



Electrical specifications

Center Frequency: 3500 MHz

Bandwidth: 200 MHz

Input / Output Impedance: 50 Ohms

Passband Insertion Loss: 2 dB

Passband Ripple: 1dB/200 MHz
0.5dB/20 MHz

Passband Return Loss: 12 dB

Rejection: 10 dBc @ 2132-2332 MHz

Rejection 2: 23 dBc @ 2766-2966 MHz

Rejection 3: 35 dBc @ 3083-3283 MHz

Rejection 4: 10 dBc @ 4033-4233 MHz

Power Handling: 20 W

Mechanical

Mounting Method: Threaded Mounting Holes

Connector Type: SMA (F)

Dimensions: 56mm x 56mm x 30mm

Environmental

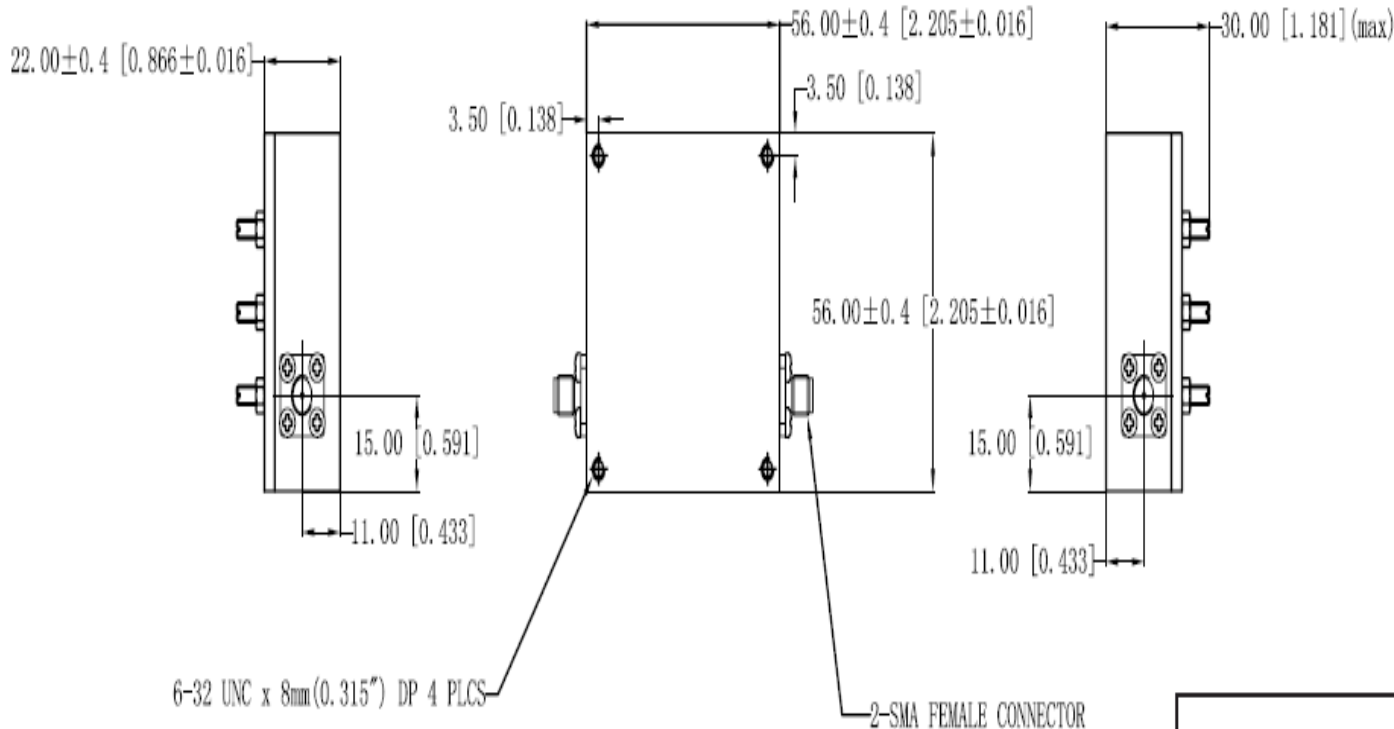
Operating Temperature: 25 to +50 deg.C

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:

