



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

3910 MHz Cavity Bandpass Filter

Part Number: AE3910B11469



Electrical specifications

Center Frequency: 3910 MHz

3dB Bandwidth: 15 MHz +/- 2 MHz

Insertion Loss @ Fc: 3.5 dB Max

Return Loss: 15 dB Min

Rejection: 20 dB min @ Fc +/- 20 MHz

Power Handling: 20W

Impedance: 50 Ω

Mechanical

Mounting: 6-32 Threaded Holes

Connector Type: SMA Female

Dimensions: 2.64 x 1.65 x 0.99 in

Environmental

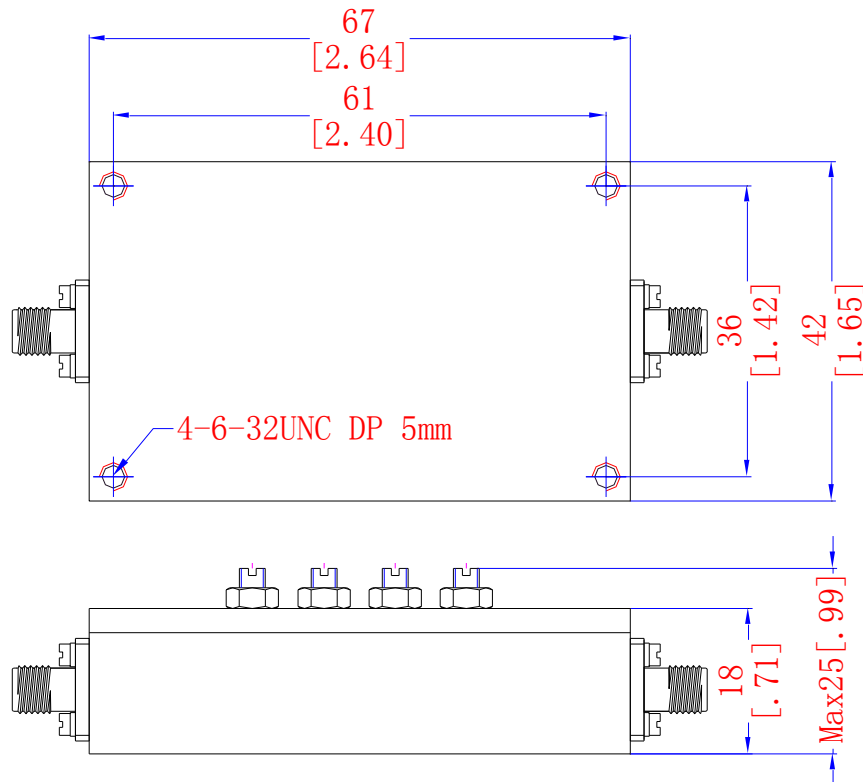
Operating Temperature: -20 to +70° C

Storage Temperature: -55 to +85° C

Shock: 20G for 11ms half sine wave, 3 axis both directions

Vibration: 20 G. 5 to 200 Hz

Outline Drawing:



Tolerance: +/-0.01 inches [+/-0.3mm]

Angles: +/-1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.