ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

3910 MHz Cavity Bandpass Filter

Part Number: AE3910B11469

ISO 9001 REGISTERED FIRM

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

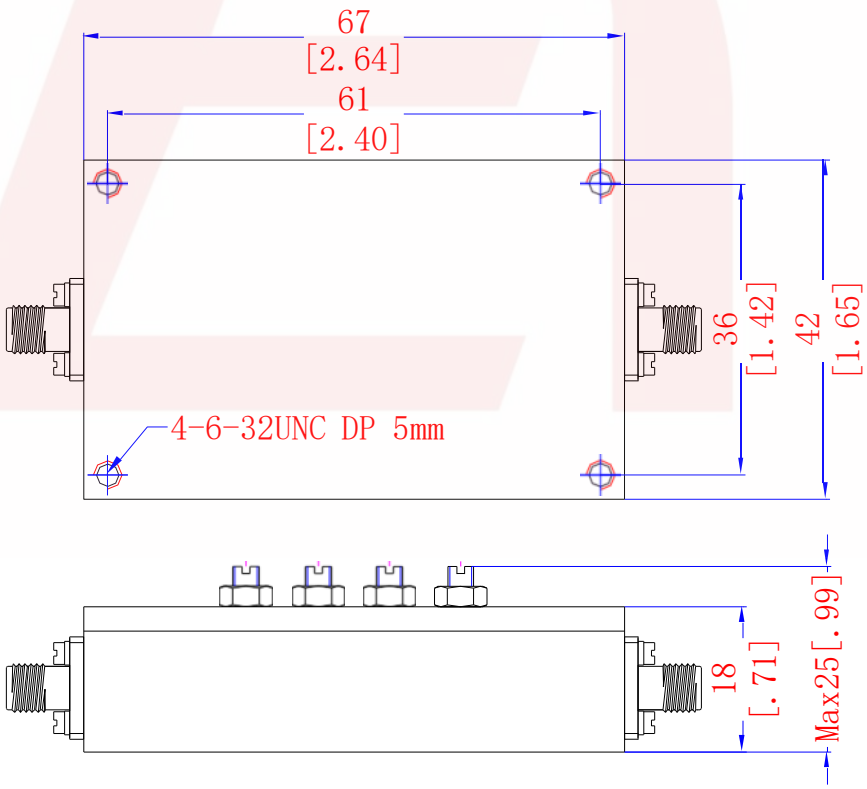
Mechanical

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.

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Reference DCR: D072919-01A

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