



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

766.5 MHz Cavity Band Pass Filter

Part Number: AE766B11906



Electrical Specifications

Center Frequency: 766.5 MHz
Passband: 746-787 MHz
Insertion Loss: 3.0 dB max
Return Loss: 14 dB Min @ Passband
Rejection1: 40 dB Min @ 735 MHz
Rejection2: 40 dB Min @ 800 MHz
Impedance: 50 Ohms
Power Handling: 50 W CW max

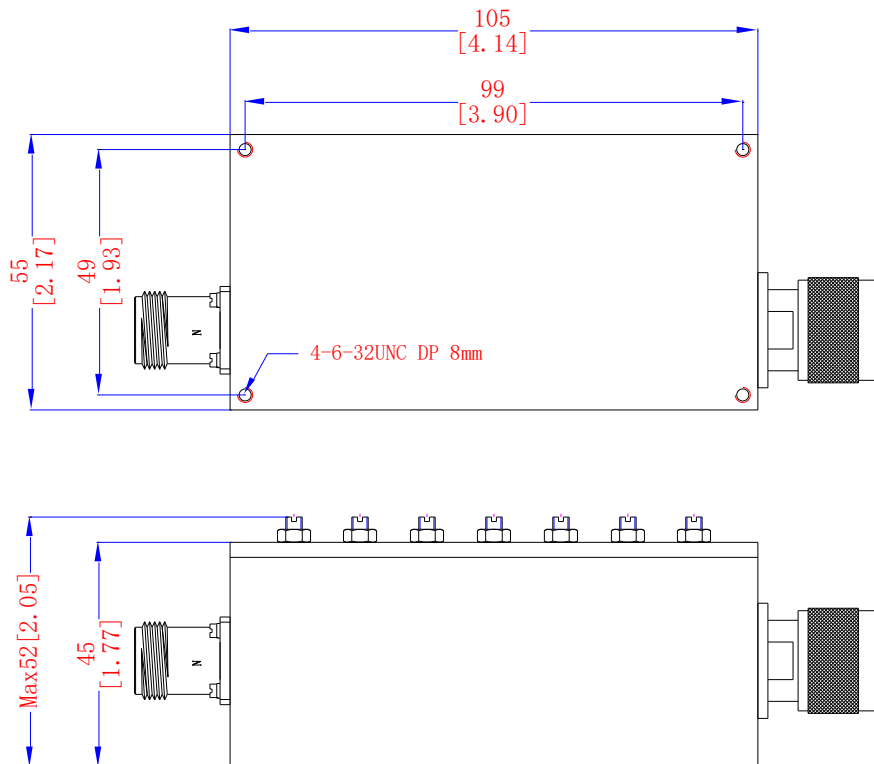
Mechanical

Mounting Method: 6-32 Threaded Holes
Connector Type: N(F)/N(M)
Dimensions: 4.14" x 2.17" x 1.77"
 105 x 55 x 52 mm

Environmental

Operating Temperature: -40°C to +80°C
Storage Temperature: -55°C to +95°C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200Hz

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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Simulated Response Plot

