



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

634.5 MHz Cavity Band Pass Filter

Part Number: AE634B11736



Electrical Specifications

Center Frequency: 634 MHz
Passband: 617-652 MHz
Insertion Loss: 1.0 dB Max.
Return Loss: 17.0 dB Min.
Rejection1: 20 dB Min @ 600 MHz
Rejection2: 50 dB Min @ 550 MHz
Rejection3: 60 dB Min @ 663 – 4000 MHz
Power Handling: 100 W CW
Input / output Impedance: 50 Ohms

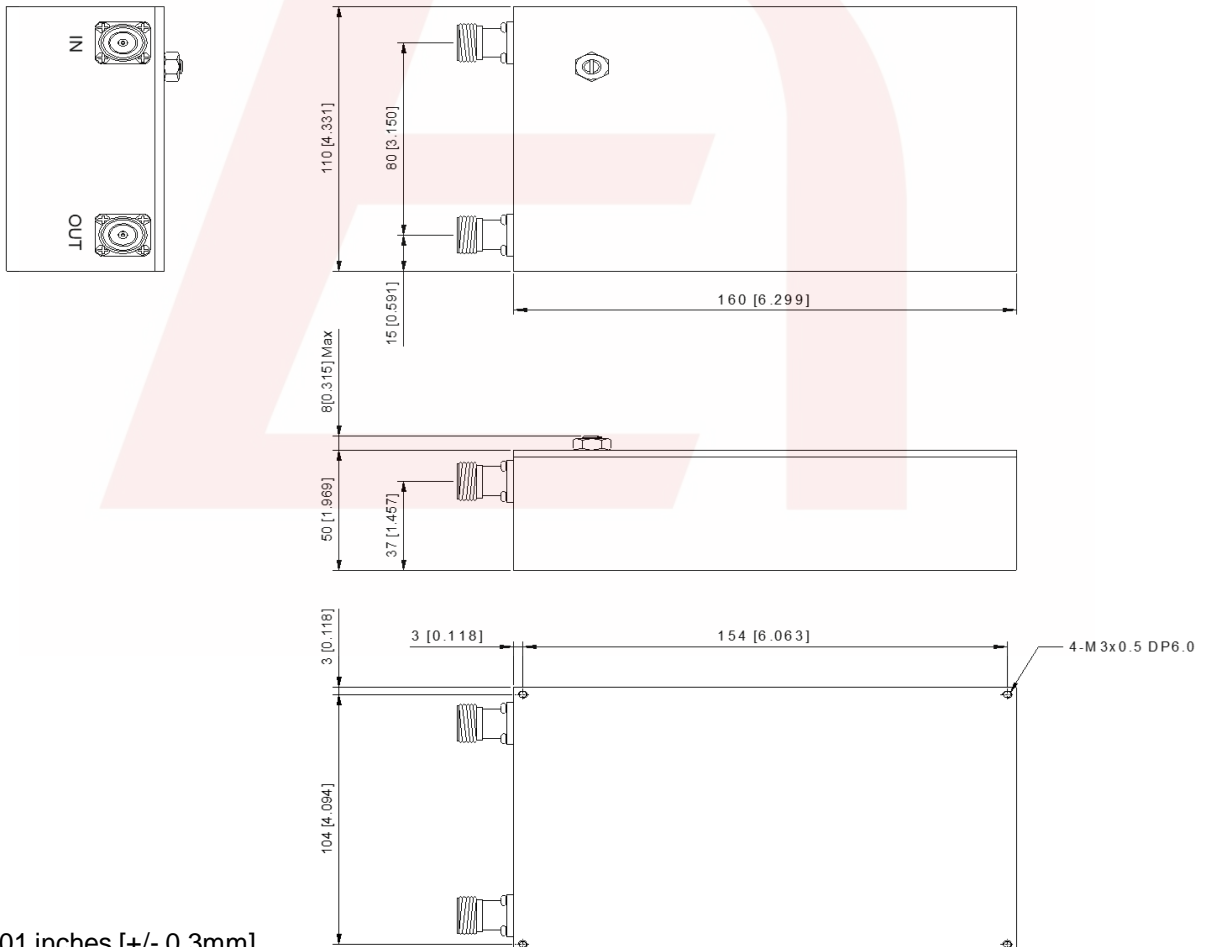
Mechanical

Mounting Method: Threaded Holes
Connector Type: N-Type(F)
Dimensions: 6.299" X 4.331" x 1.969".
Dimensions: 160 X 110 X 50 mm

Environmental

Operating Temperature: -20°C to +60°C
Storage Temperature: -45°C to +85°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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Response Plot:

