



1737.5 MHz Cavity Band Pass Filter



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AE1737B11887

Electrical Specifications

Center Frequency: 1737.5 MHz
Passband: 1695-1780 MHz
Insertion Loss: 2.0 dB Max.
Return: 15 dB Min
Rejection: 40 dB Min @ DC-1675 MHz
Rejection: 40 dB Min @ 1800-4000 MHz
Impedance: 50 Ohms
Power Handling: 50 W CW max

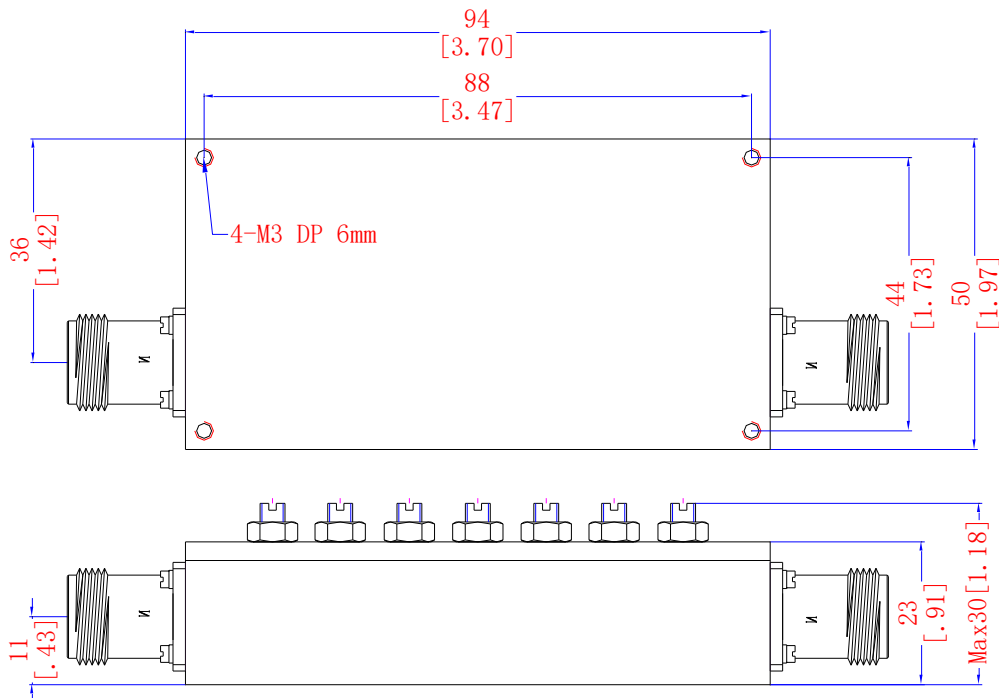
Mechanical

Mounting Method: M3 Threaded Holes
Connector Type: N(F)
Dimensions: 3.70" x 1.97" x 1.18" max
94 x 50 x 30 (max) mm

Environmental

Operating Temperature: -40°C to +70°C
Storage Temperature: -55°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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Simulated Response Plot:

