



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

903 MHz Cavity Band Pass Filter

Part Number: AE903B11899



Electrical Specifications

Center Frequency: 903 MHz
Passband: 902-904 MHz
Insertion Loss: 1.5 dB goal
Return Loss 902-904 MHz: 15 dB Min
Rejection1: 40 dB Min @ 898 MHz
Rejection2: 40 dB Min @ 908 MHz
Impedance: 50 Ohms
Power Handling: 25 W CW max

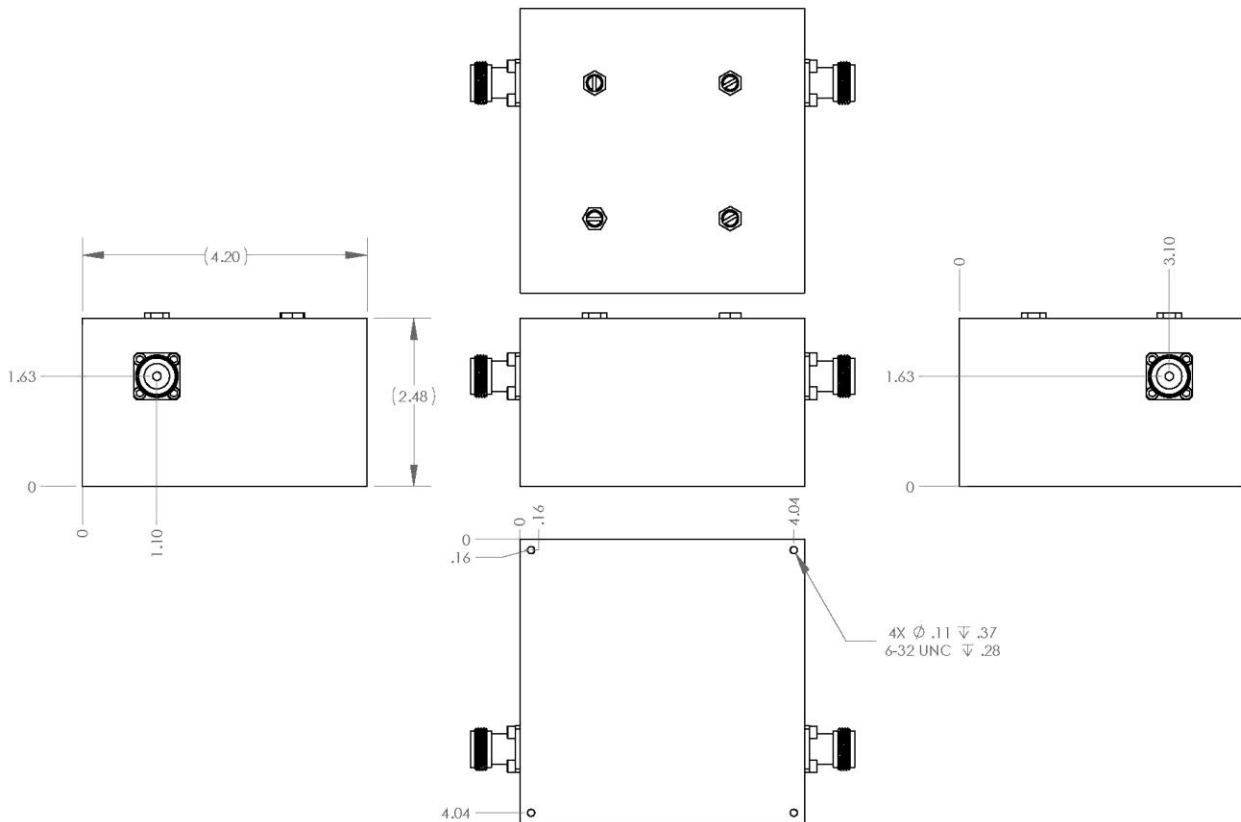
Mechanical

Mounting Method: 6-32 Threaded Holes
Connector Type: N(F)
Dimensions: 4.2" x 4.04" x 2.48"

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.

70 Outwater Lane Phone: (973) 772-4242
Garfield, NJ 07026 Fax : (973) 321-3941

Email: sales@anatechelectronics.com
Web: www.anatechelectronics.com



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Simulated Response Plot:

