



11875 MHz Cavity Band Pass Filter



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AE11875B11826

Electrical Specifications

Center Frequency: 11875 MHz
Passband: 11825 - 11925 MHz
Insertion Loss @ Fc: 4.0 dB Max.
Return Loss @ Fc: 15 dB Min
Rejection: 30 dB Min @ 11675 MHz
Rejection: 30 dB Min @ 12075 MHz
Impedance: 50 Ohms
Power Handling: 10 CW

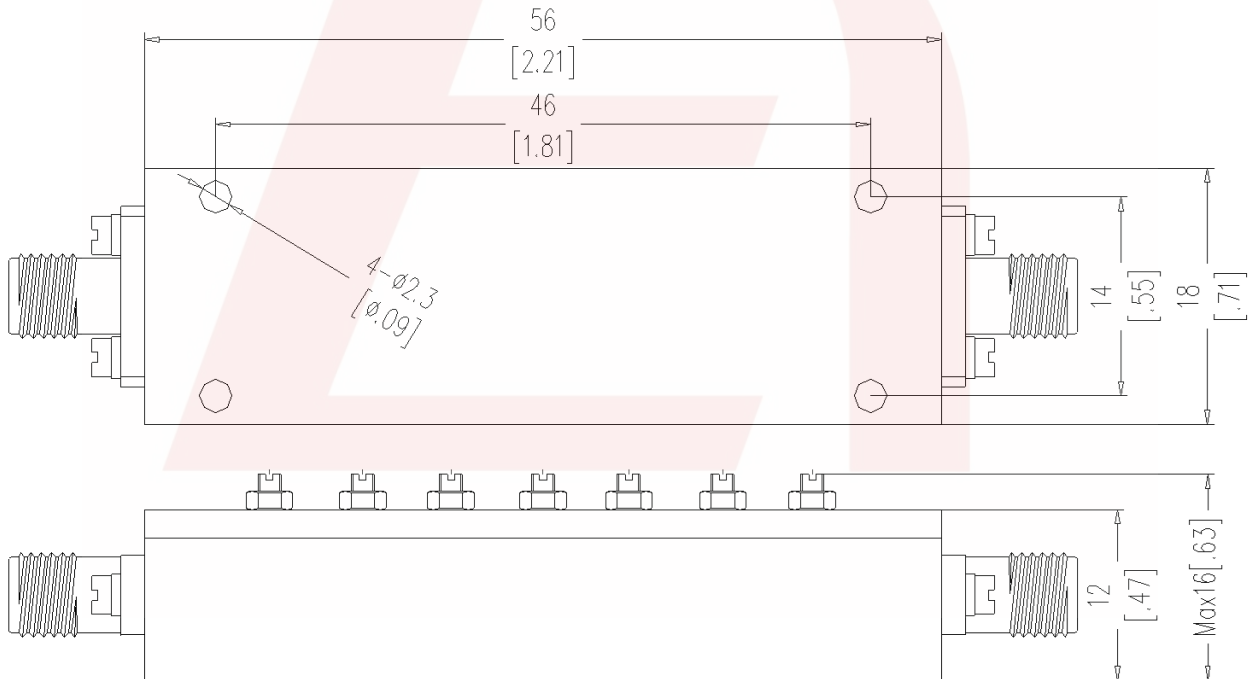
Mechanical

Mounting Method: Thru Holes
Connector Type: SMA Female
Dimensions: 2.21 X 0.71 X 0.63 in.

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:

