



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

9500 MHz Cavity Band Pass Filter

Part Number: AE9500B11827



Electrical Specifications

Center Frequency: 9500 MHz
Pass band: 8000 – 11000 MHz
Insertion Loss: 1.0 dB Max.
Return Loss: 18 dB Min.
Rejection1: 50 dB Min @ DC – 7.5 GHz
Rejection2: 50 dB Min @ 11.5 – 20 GHz
Impedance: 50 Ohms
Power Handling: 5 W

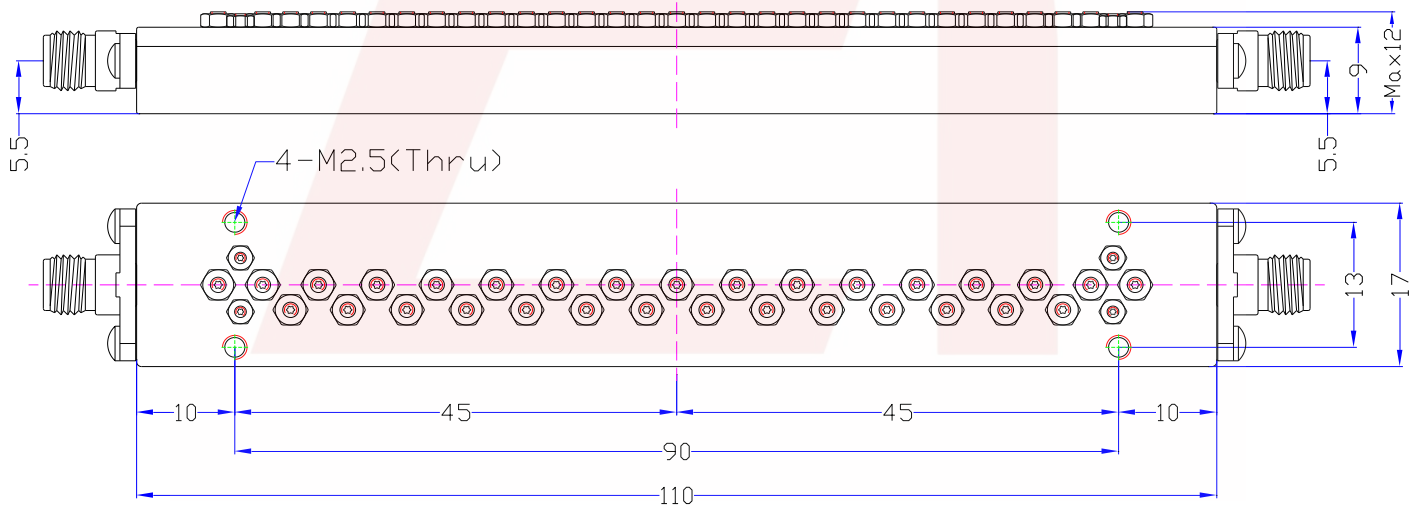
Mechanical

Mounting Method: Thru Hole M2.5
Connector Type: SMA (F)
Dimensions: 110 x 17 x 12 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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Response Plot:

