



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

3500 MHz Cavity Band Pass Filter

Part Number: AE3500B11586



Electrical Specifications

Center Frequency: 3500 MHz
Passband: 2700-4300 MHz
Insertion Loss: 1.5 dB Max.
Return Loss: 12 dB Min.
Rejection1: ≥ 30 dB @ DC-2200 MHz
Rejection2: ≥ 30 dB @ 4800-6000 MHz
Power Handling: 2 Watts max.
Impedance: 50 Ohms

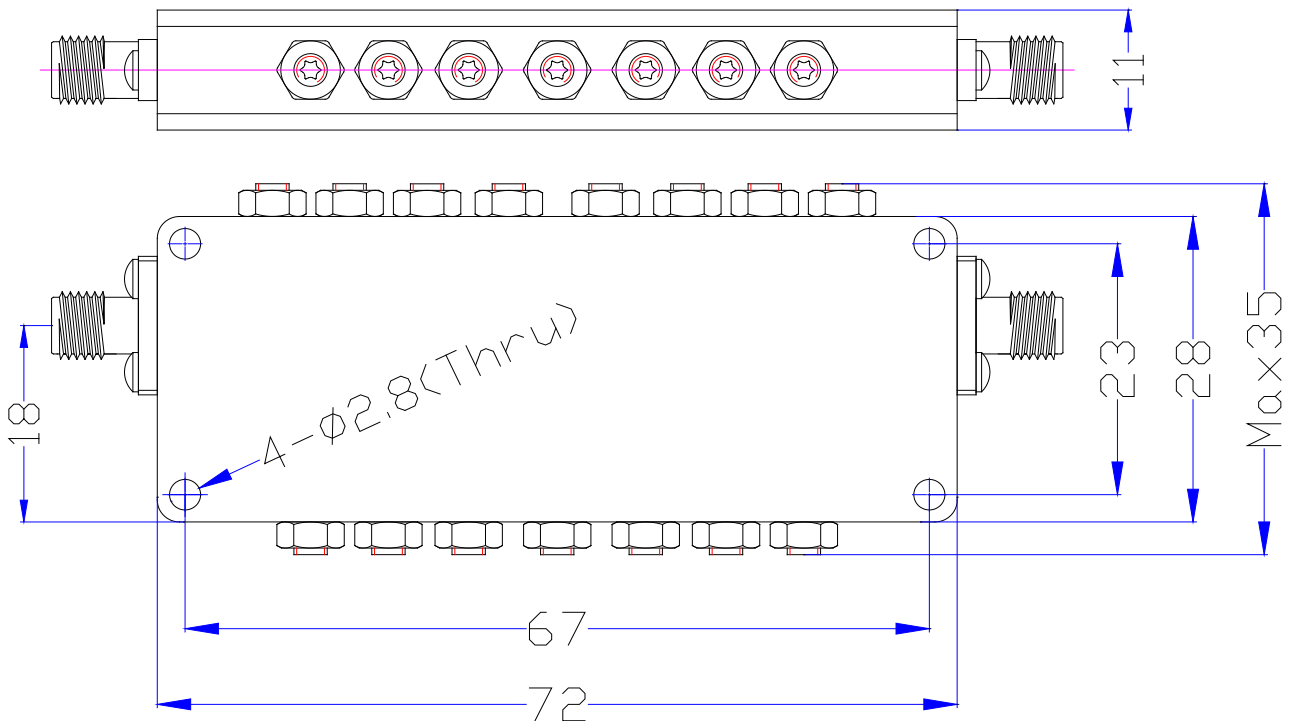
Mechanical

Mounting Method: Through Holes
Connector Type: SMA(F)
Dimensions: 72 X 28 x 11 mm

Environmental

Operating Temperature: -30°C to +70°C
Storage Temperature: -40°C to +80°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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