



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5050 MHz Band Stop/Notch Filter

Part Number: AE5050N2258



Electrical Specifications

Notch Center Frequency: 5050 MHz
Notch Bandwidth: 20 MHz (5040-5060 MHz)
Rejection In BW: 50dB Min.
Passband Below Notch: DC-4990 MHz
Passband Above Notch: 5090-5110 MHz
PB Insertion Loss: $\leq 2.0\text{dB}$ @ DC-4990MHz
PB Insertion Loss: $\leq 2.0\text{dB}$ @ 5110-11000MHz
VSWR In Pass Bands: 1.5:1 Max.
Power Handling: 10 Watts Max.
Impedance: 50 Ohms

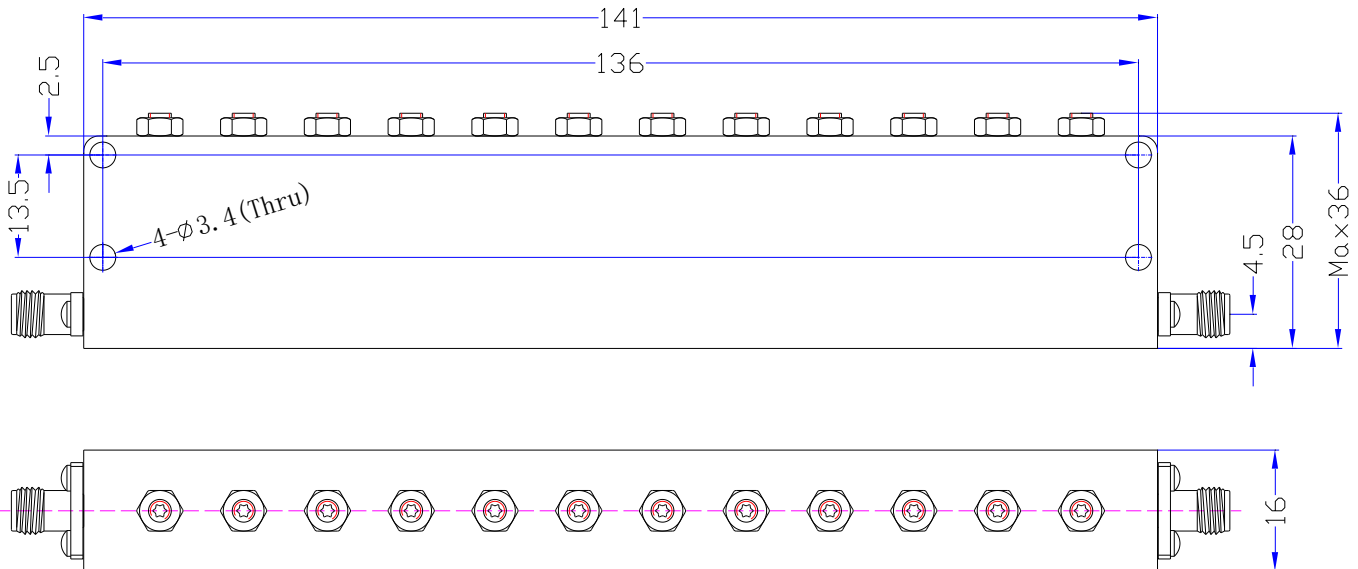
Mechanical

Mounting Method: Through Holes 3.4 mm Dia.
Connector Type: N-Type(F)
Dimensions: 141 x 28 x 16 mm
 (5.5" X 1.10" x 0.62")

Environmental

Operating Temperature: +10°C to +40°C
Storage Temperature: -55°C to +95°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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