



3900 MHz Cavity Band Stop/Notch Filter

Part Number: AE3900N2230



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Electrical Specifications

Notch Center Frequency: 3900 MHz
Notch Bandwidth: 50 MHz
Notch Band Frequency: 3875-3925 MHz
Rejection in Notch Band: 30dB Min.
Passband Below Notch: DC-3825 MHz
Passband Above Notch: 3975-9000 MHz
Insertion Loss: 1.5dB Max.
Return Loss: 12 dB Min.
Power Handling: 10 Watts Max.
Impedance: 50 Ohms

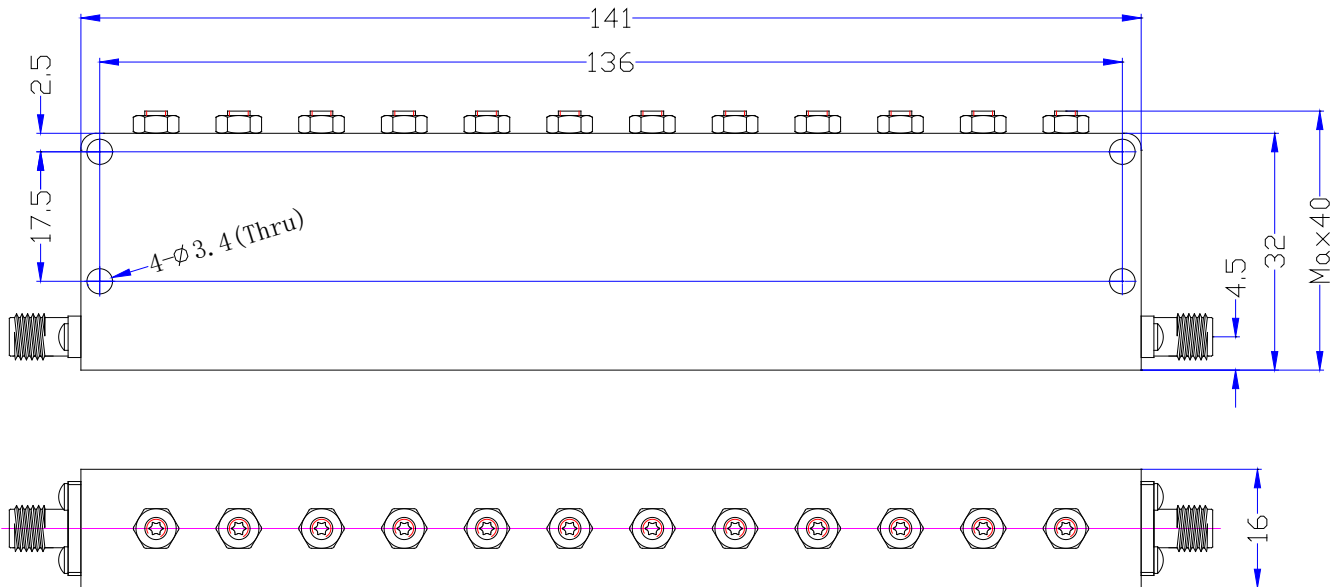
Mechanical

Mounting Method: Through Holes
Connector Type: SMA(F)
Dimensions: 141 X 32 x 16 mm

Environmental

Operating Temperature: -10°C to +50°C
Storage Temperature: -35°C to +75°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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