



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

942 MHz Cavity Band Notch Filter

Part Number: AE942NS2181



Electrical Specifications

Notch Center Frequency: 942 MHz
Notch Frequency range: 925.2-960 MHz
Notch Rejection: 50dB Min.
Passband low side of Notch: 80-887 MHz
Passband High side of Notch: 1002-6000 MHz
Insertion Loss: 3dB Max @3800-6000 MHz
Passband Edge Insertion loss: 3dB Max @887 MHz
In-Band Insertion Loss: 1dB Max.
Impedance: 50 Ohms
Power Handling: 25 watts max.

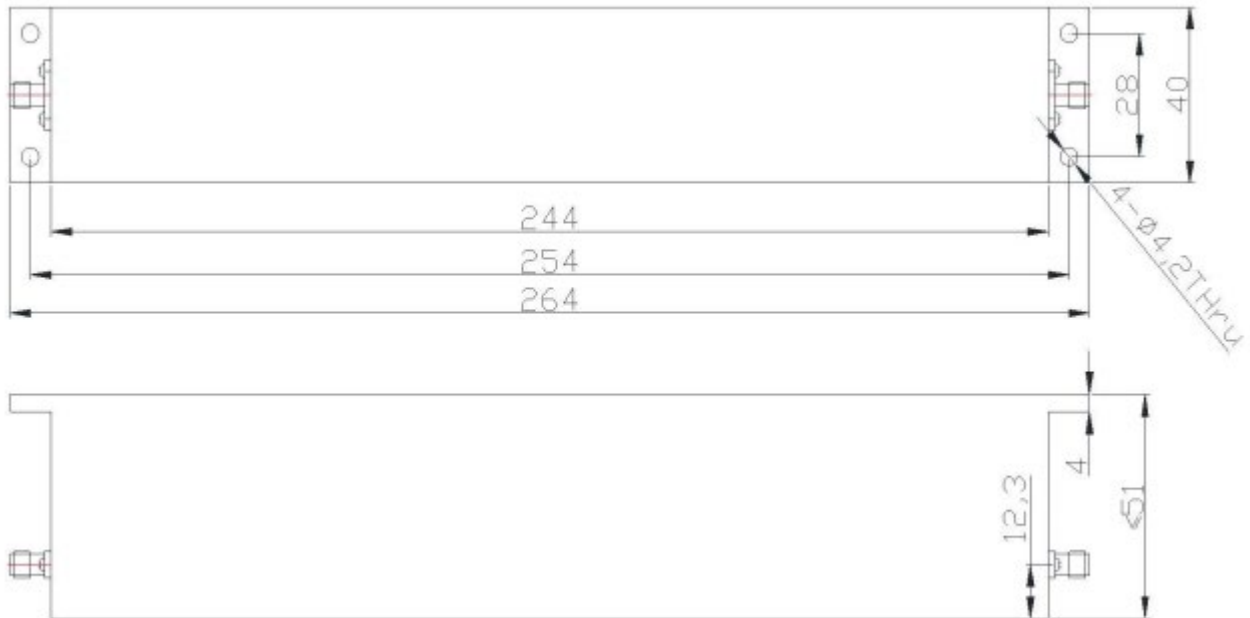
Mechanical

Mounting Method: Through Holes
Connector Type: SMA(F)
Dimensions: 10.39 X 1.57 X 2.00 in.
Dimensions: 264 X 40 X 51 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:

