



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2350 MHz Cavity Band Pass Filter

Part Number: AE2350B11562



Electrical specifications

Center Frequency: 2350 MHz
Bandwidth: 300 MHz
Passband: 2200-2500MHz
Passband Insertion Loss: ≤1.0dB
Passband Return Loss: ≥15dB
Rejection 1: ≥40dBc@2100MHz
Rejection 2: ≥40dBc@2600MHz
Rejection 3: ≥90dBc@4400-8000MHz
Power Handling: 25 W
Input / Output Impedance: 50 Ohms

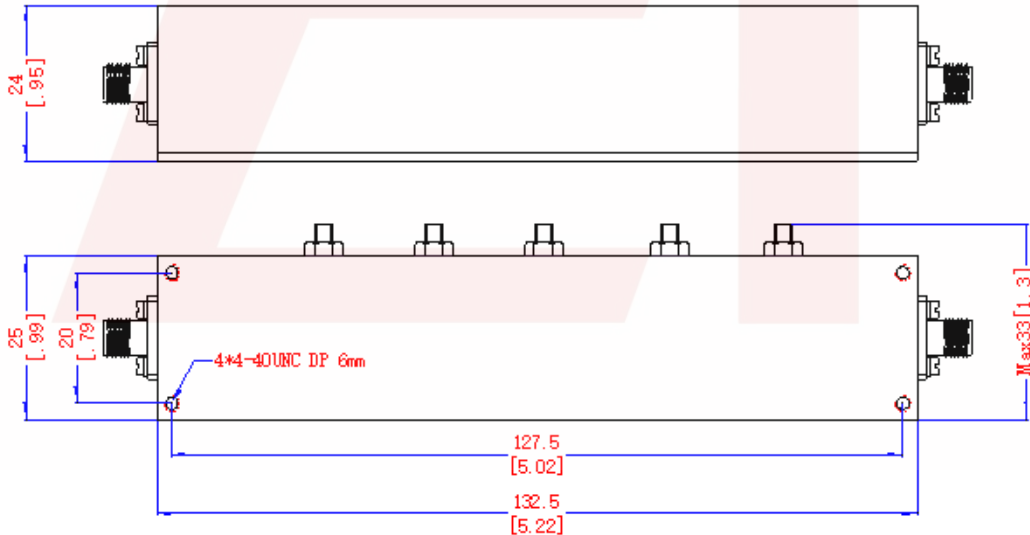
Mechanical

Mounting Method: 4-40 Threaded Holes
Connector Type: SMA Female
Dimensions: 5.22 x .99 x .95 in.

Environmental

Operating Temperature: -45 to +85 deg.C
Storage Temperature: -55 to +95 deg.C
Altitude: 35000 Feet
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz

Outline Drawing:



Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

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*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.



Response Plot:

