



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

9450 MHz Cavity Bandpass Filter

Part Number: AE9450B11733



Electrical specifications

Center Frequency: 9450 MHz
Bandwidth: 300 MHz Min
Insertion Loss: 2.0 dB Max
Return Loss: 14 dB Min
Rejection1: 35 dB min @ 9100 MHz
Rejection2: 35 dB min @ 9800 MHz
Input/Output Impedance: 50 Ω
Power Handling: 25W

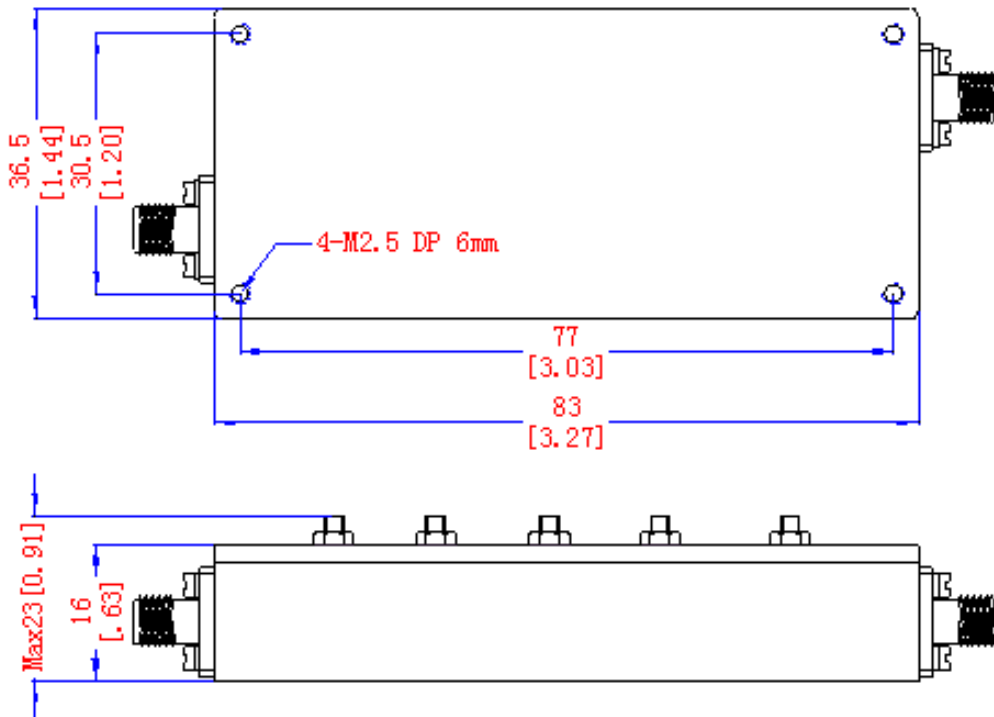
Mechanical

Mounting Method: Threaded Holes
Connector Type: SMA Female
Dimensions: 3.27 x 1.44 x 0.91 in

Environmental

Operating Temperature: -20 to +70° C
Storage Temperature: -55 to +95° C
Shock: 20G. 11ms half sine wave, 3 axis
Vibration: 20 G. 5 to 200 MHz

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.