



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

3450 MHz Cavity Band Pass Filter

Part Number: AE3450B11884



Electrical Specifications

Center Frequency: 3450 MHz
Passband: 3300 - 3600 MHz
Insertion Loss: 1.0 dB Max.
Return Loss: 18 dB Min
Rejection1: ≥ 50 dB @ 3280 MHz
Rejection2: ≥ 50 dB @ 3620 MHz
Impedance: 50 Ohms
Power Handling: 100 CW Max

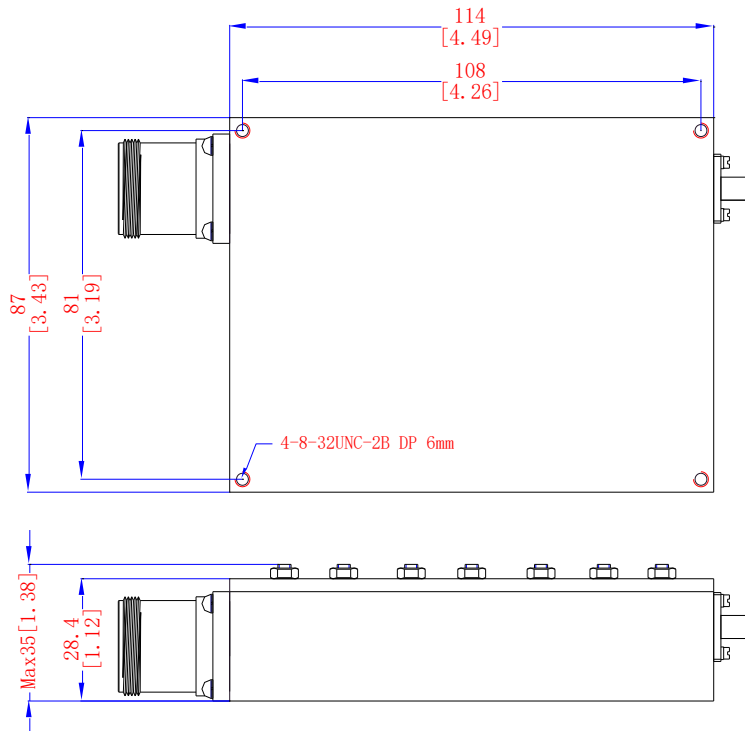
Mechanical

Mounting Method: 8-32 Threaded Holes
Connector Type: SMA Female
Dimensions: 4.49 x 3.43 x 1.38 max
 114 x 87 x 35 max 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.

70 Outwater Lane Phone: (973) 772-4242
Garfield, NJ 07026 Fax : (973) 321-3941

Email: sales@anatechelectronics.com
Web: www.anatechelectronics.com



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

3450 MHz Cavity Band Pass Filter

Part Number: AE3450B11884



Simulated Response Plot:

