



# 1110-1156 MHz Cavity Band Pass Filter

Part Number: AE1133B11780



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

## Electrical Specifications

**Center Frequency: 1133 MHz**  
**Bandwidth: 46 MHz**  
**Passband Frequency (PB): 1110-1156 MHz**  
**PB Insertion Loss : <= 1.25dB**  
**Return Loss: >=15 dB**  
**Rejection 1: >=40 dB @ 1106 MHz**  
**Rejection 2: >=40 dB @ 1160 MHz**  
**Power Handling: 25 W**  
**Input / output Impedance: 50 Ohms**

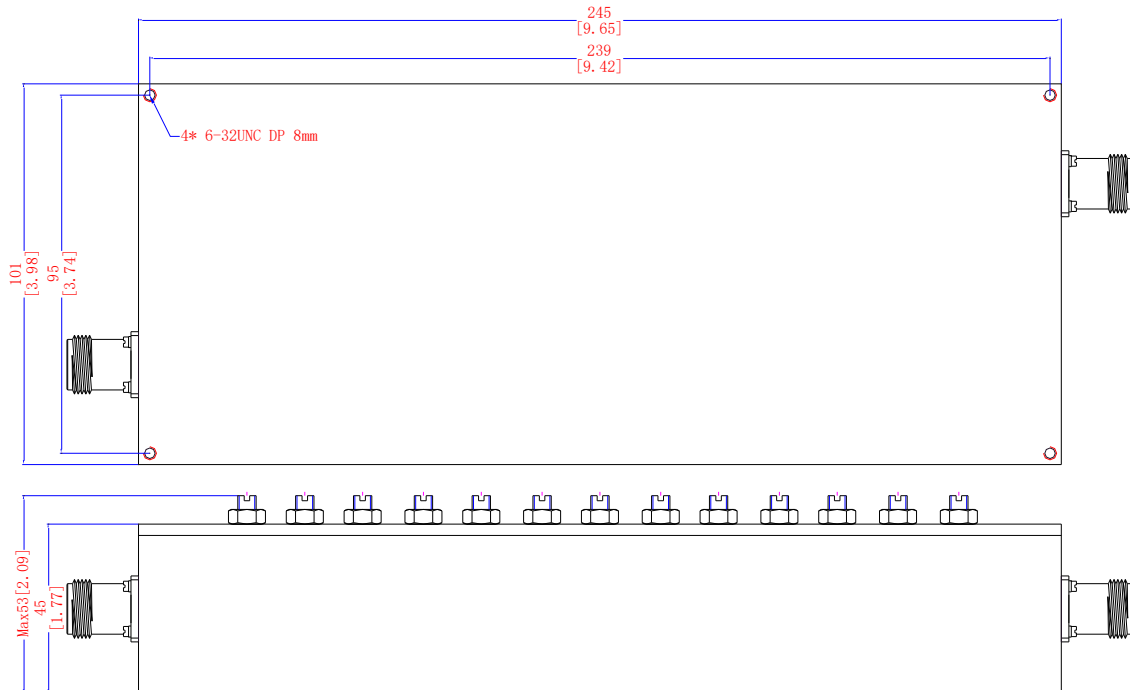
## Mechanical

**Mounting Method: 6-32 Threaded holes**  
**Dimensions: 9.65 x 3.98 x 2.09 Inches**  
245 x 101 x 53 mm  
**Connectors: N (F)**

## Environmental

**Operating Temperature: -30°C to +80°C**  
**Storage Temperature: -55°C to +95 °C**  
**Shock: 20G, 11ms**  
**Vibration: 20G 0.5 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.

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