



**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  
**Rejection1:** ≥40dBc@2100MHz  
**Rejection 2:** ≥40dBc@2600MHz  
**Rejection 3:** ≥90dBc@4400-8000MHz  
**Power Handling:** 25 W  
**Input / Output Impedance:** 50 Ohms

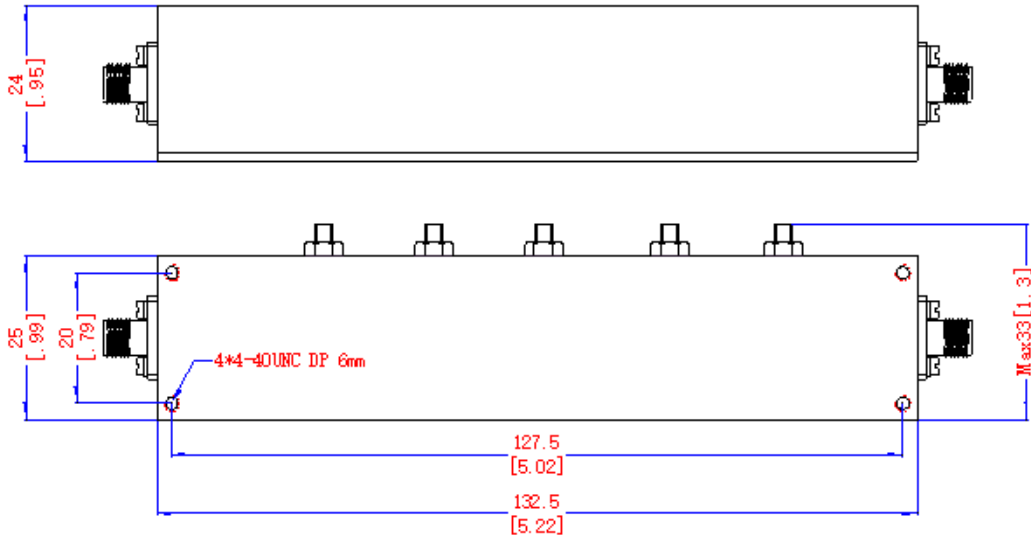
## Mechanical

**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.

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



### Response Plot:

