



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

# 2250 MHz Cavity Band Pass Filter

**Part Number: AE2250B11877**



## Electrical Specifications

**Center Frequency:** 2250 MHz  
**Passband:** 2200 – 2300 MHz  
**Insertion Loss:** 0.5 dB Max.  
**Return:** 15 dB Min  
**Rejection:** 50 dB Min @ 2120 MHz  
**Rejection:** 50 dB Min @ 4500 MHz  
**Impedance:** 50 Ohms  
**Power Handling:** 10 CW

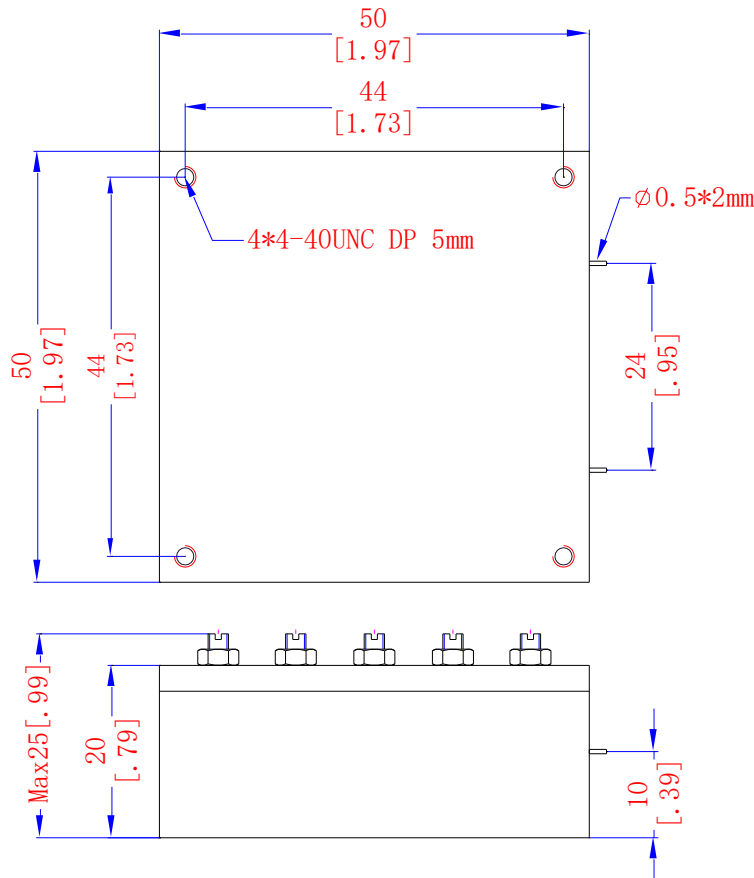
## Mechanical

**Mounting Method:** 4-40 Threaded Holes  
**Connector Type:** Drop In  
**Dimensions:** 1.97 X 1.97 X 0.79 in.

## 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.

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## Simulated Response Plot:

