



**Electrical specifications**

**Center Frequency:** 2310 MHz  
**Bandwidth:** 10 MHz  
**Passband:** 2305-2315 MHz  
**Passband variation over bandwidth:** ≤ 0.5dB  
**Passband Insertion Loss:** ≤ 1.0dB  
**Passband Ripple:** ≤ 0.2 dB  
**Passband Return Loss:** ≥ 18 dB  
**Group delay variation over bandwidth:** ≤ 15 ns  
**Rejection1:** 13 MHz offset from Center Frequency  
 ≥ 20 dBc  
**Rejection2:** 20 MHz offset from Center Frequency  
 ≥ 30 dBc  
**Input / Output Impedance:** 50 Ohms  
**Power Handling:** 20 W (avg)  
**Peak Power Handling:** 150 W

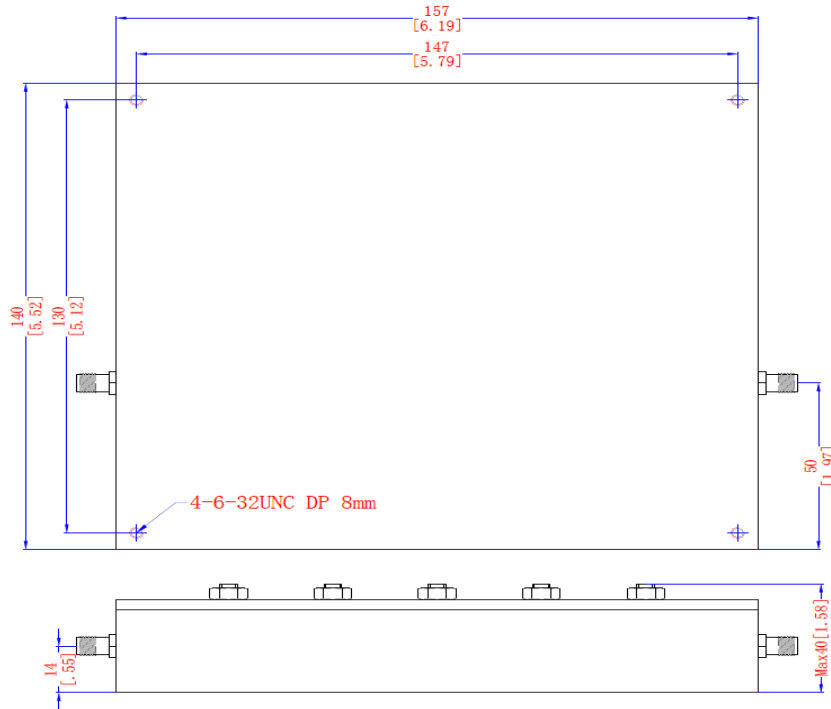
**Mechanical**

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA Female  
**Dimensions:** 6.19 x 5.52 x 1.58 in

**Environmental**

**Operating Temperature:** 0 to +50 deg.C  
**Storage Temperature:** -55 to +95 deg.C  
**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.