



**Electrical specifications**

**Center Frequency :** 510 MHz  
**Passband:** 504.5-515.5 MHz  
**Insertion loss :** 1.0 dB Max.  
**Return loss :** 15 dB Min  
**Ripple:** 0.5 dB Max.  
**Rejection :** 60dB Min @ 415-425 MHz  
**Power handling:** 20 W  
**Impedance:** 50 Ohms

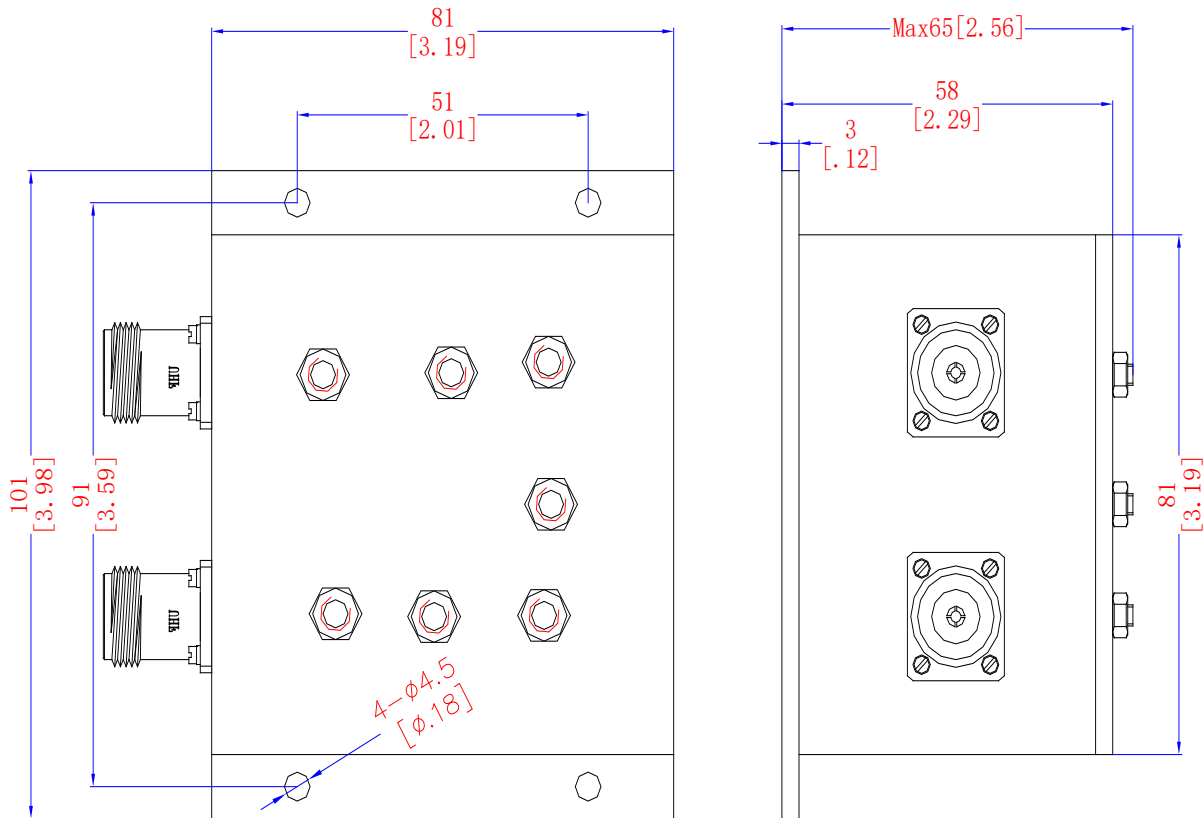
**Mechanical**

**Mounting Method:** Threaded Holes  
**Connector Type:** UHF (F)  
**Dimensions:** 3.98 x 3.19 x 2.56 Inches

**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:**



2 decimal places: +/-0.01 inches [ +/- 0.3mm]  
 3 decimal places: +/- 0.005 inches [ +/- 0.13mm]  
 Angles: +/- 1 Deg.

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