



### Electrical specifications

**Center Frequency:** 3642.5 MHz  
**Pass Band:** 3630-3655 MHz  
**Insertion Loss:** 1.5 dB Max  
**Return Loss:** 15 dB Min  
**Rejection1:** 60 dB Min @ 3545 MHz  
**Rejection2:** 60 dB Min @ 3615 MHz  
**Impedance:** 50 Ω  
**Power Handling:** 25W

### Mechanical

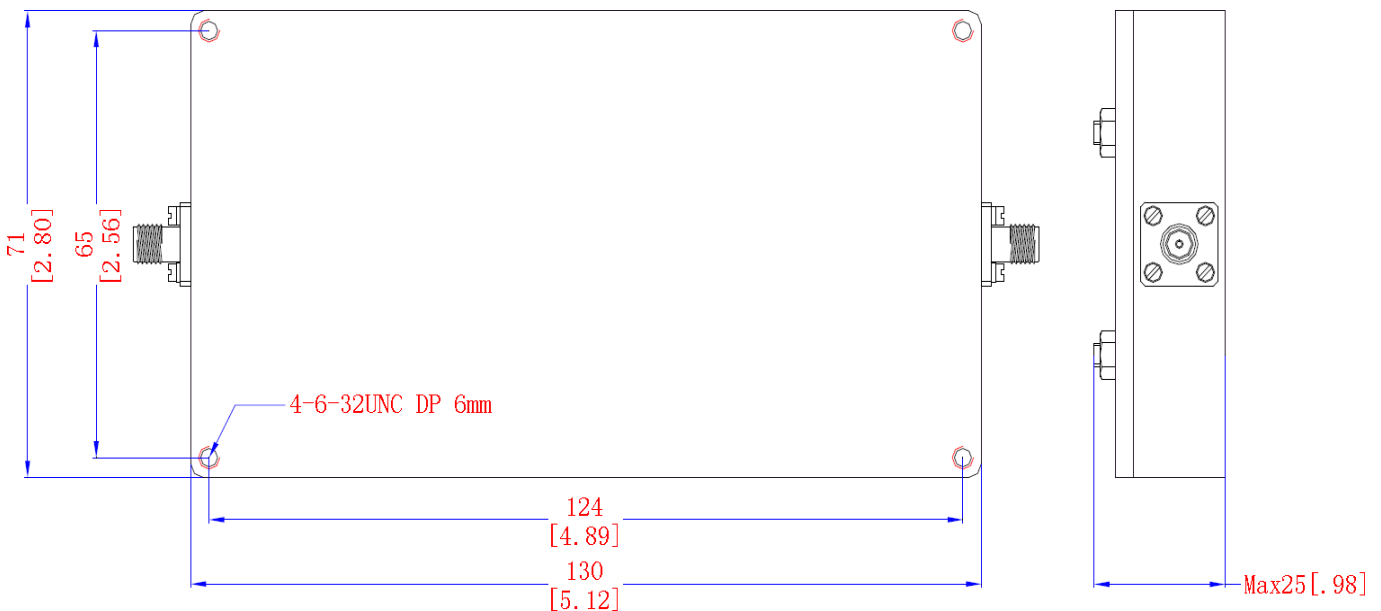
**Mounting Method:** Threaded Holes  
**Connector Type:** SMA Female  
**Dimensions:** 5.12 x 2.80 x 0.98 in

### Environmental

**Operating Temperature:** -45 to +85° C  
**Storage Temperature:** -55 to +95° C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200Hz

Size Tolerance: As Below (+/- 0.3mm)

### Outline Drawing:





### Simulation Plot :

