



## 5.8 GHz Cavity Bandpass filter

**Part Number: AB5800B527**



### Electrical specifications

**Center frequency:** 5.8 GHz  
**3 dB BW:** 40 MHz  
**Insertion loss at 5.8 GHz:** 1.5 dB  
**Rejection 1:** 50 dB@5.7 GHz  
**Rejection 2:** 50 dB@5.9 GHz

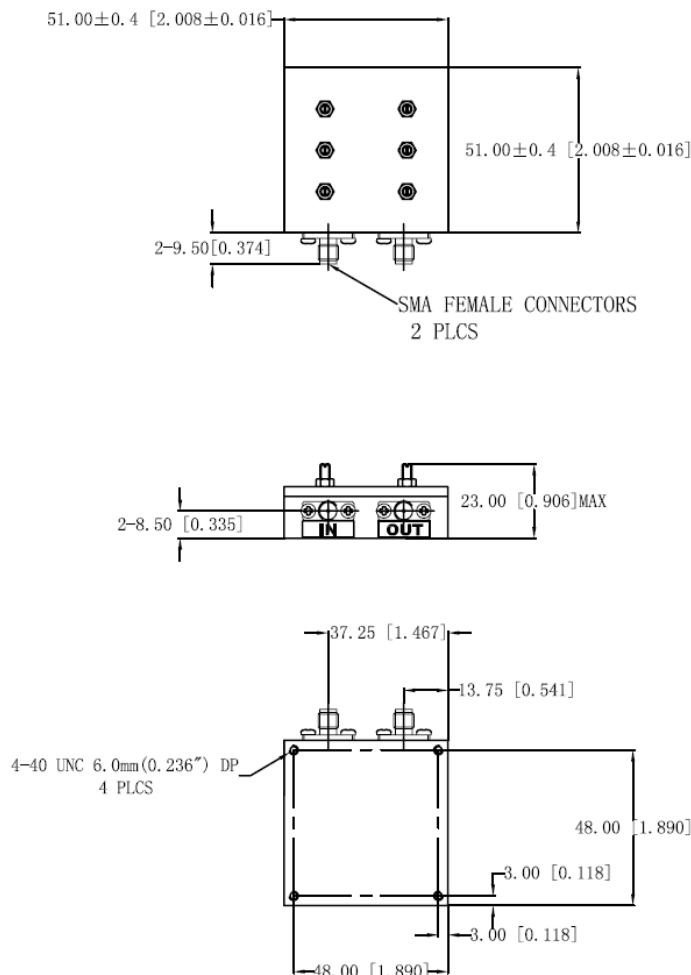
### Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA Female  
**Dimensions:** 2.00" X 2.00" X 0.90" in

### Environmental

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

### Outline Drawing:





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Plot:

