



# Cavity Bandpass Filter

## Part Number: AB878B507



### Electrical specifications

**Center Frequency:** 878 MHz  
**1 dB Bandwidth:** 4 MHz  
**Input / Output Impedance:** 50 Ohms  
**Insertion Loss:** <4 dB (3.0 dB typical)  
**Passband Ripple:** <0.2 dB  
**Passband Return Loss:** 18dB  
**Rejection:** 868-873 MHz > 40 dB (45 dB typical)  
**Power Handling:** 20 W CW, 200 W peak

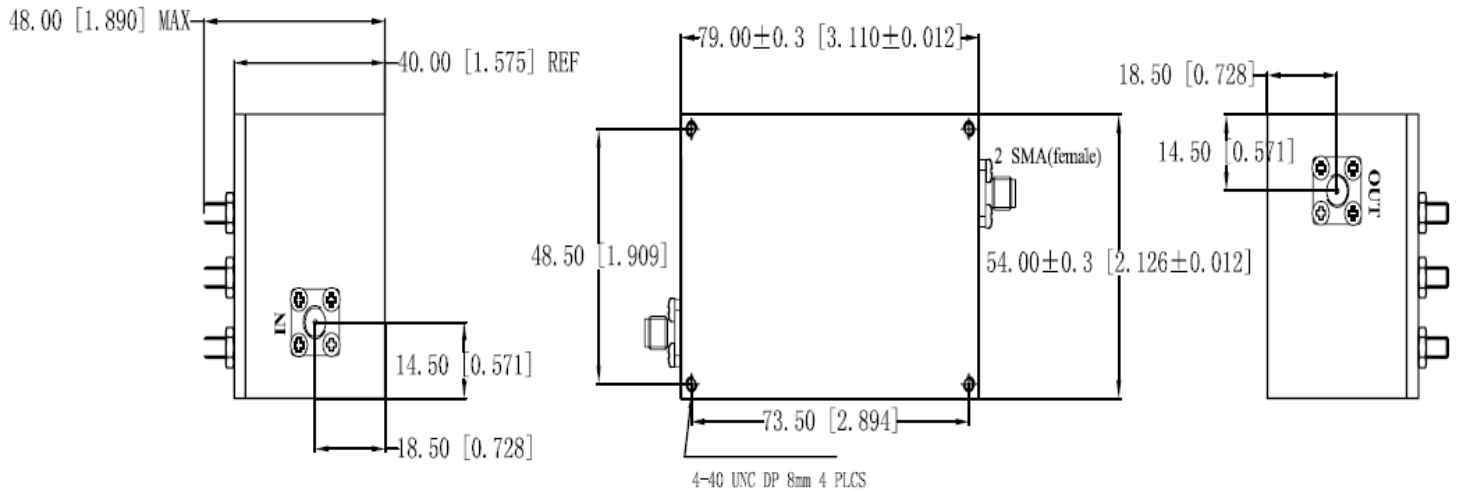
### Mechanical

**Mounting Method:** 4-40 UNC Threaded Holes  
**Connector Type:** SMA (F)  
**Dimensions:** 79 x 54 x 48 mm

### 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 MHz

### Outline Drawing:





**Response Plot:**

