



### Electrical specifications

**Center Frequency:** 2441 MHz  
**Bandwidth:** 83 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 2400-2483 MHz  
**Passband Insertion Loss:** 1dB max  
**Passband Ripple:** <0.2 dB  
**Passband Return Loss:** > 15 dB  
**Rejection:** 40 dB @ 2300 MHz - 2383 MHz  
**Rejection 2:** 40 dB @ 2583 MHz  
**Power Handling:** 30 W

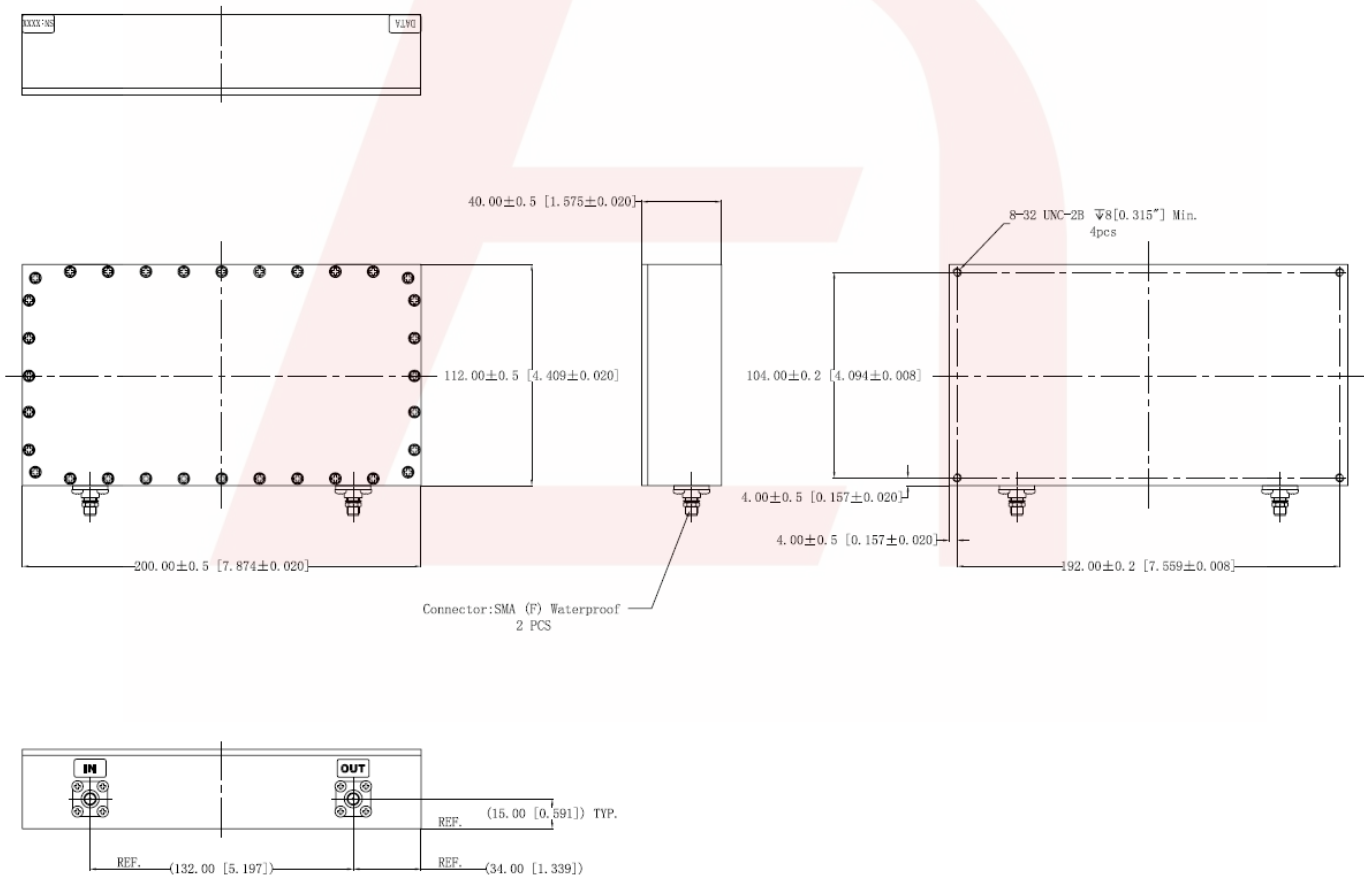
### Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA (F) Waterproof X2  
**Dimensions:** 200 x 112 x 40 mm.

### Environmental

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

### Outline Drawing:





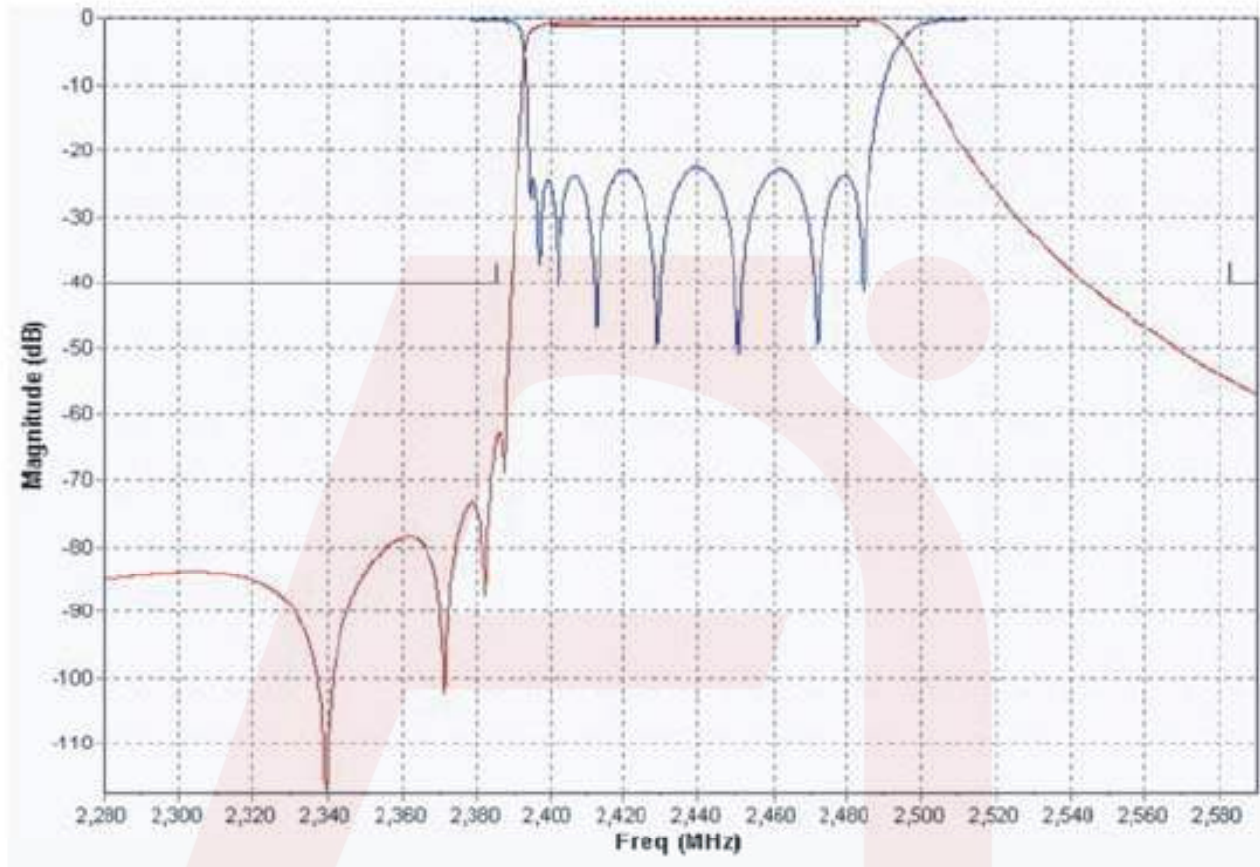
**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 2441 MHz Cavity Band Pass Filter

**Part Number: AB2441B780**



## Response Plot:



DS-B780-03152018-Rev0