



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

# 1848 MHz Cavity Bandpass Filter

**Part Number: AE1848B9815**



## Electrical specifications

**Center Frequency:** 1848 MHz  
**Insertion loss:** <4 dB@1847-1849 MHz  
**Return loss in PB:** >15 dB  
**<3 dB:** 1840-1854 MHz  
**Rejection 1:** >50 dB@0-1823 MHz  
**Rejection 2:** >50 dB@1873-6000 MHz

## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA Female  
**Dimensions:** 4.50" x 1.75" x 1.00" 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:

