



# 5250 MHz Cavity Bandpass Filter

Part Number: AB5250B1014



## Electrical specifications

**Center Frequency:** 5250 MHz  
**Insertion loss @Fo:** 1.5 dB typ, 2.5 dB max  
**Return loss:** 13 dB  
**3 dB BW:** +/- 16.5 MHz  
**20 dB BW:** +/-25 MHz  
**30 dB BW:** +/-35 MHz  
**Impedance:** 50 Ohm  
**Power:** 30 dBm

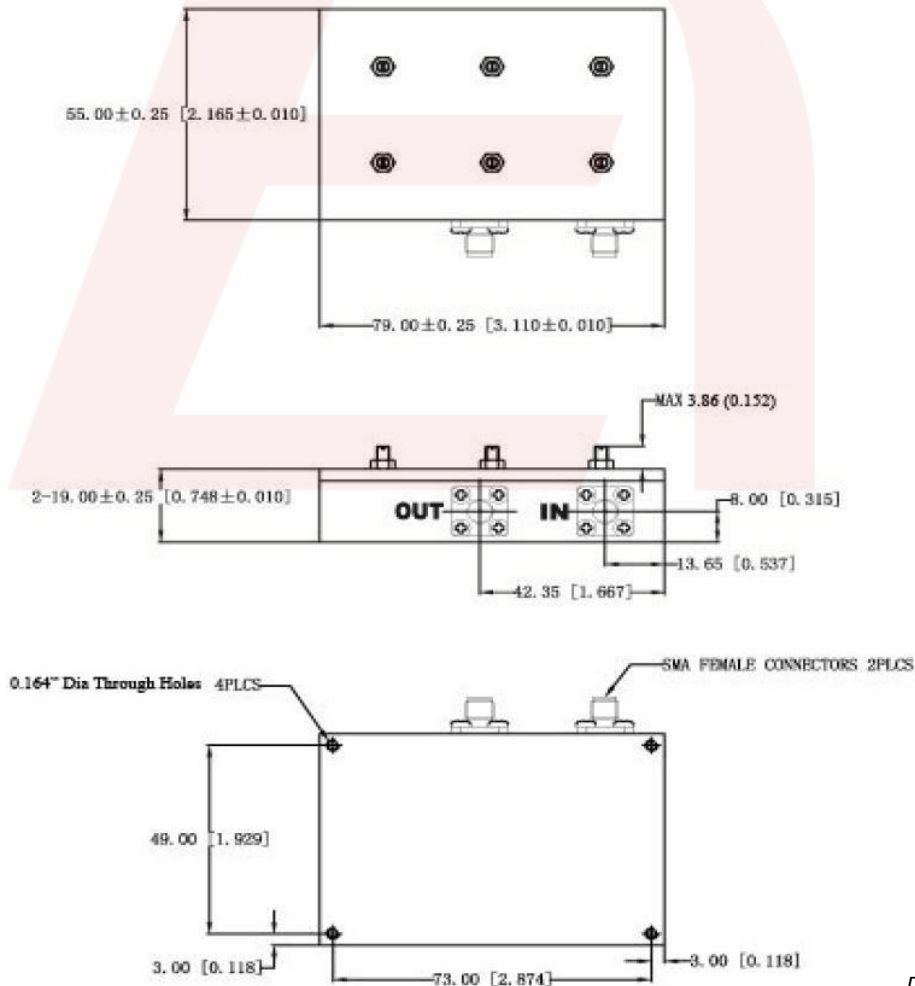
## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA female  
**Dimensions:** 3.11" x 2.16" x 0.25" in

## Environmental

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

## Outline Drawing:



DS-B1014-03152018-Rev0



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

# 5250 MHz Cavity Bandpass Filter

Part Number: AB5250B1014



## Response Plot:



DS-B1014-03152018-Rev0