



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

# 2140 MHz Cavity Notch Filter

**Part Number: AE2145NS2200**



## Electrical specifications

**Notch Center Frequency:** 2145 MHz  
**Notch Passband:** 2110 - 2180 MHz  
**Notch Rejection:** 50 dB Min  
**Low Side Passband:** 80-2085 MHz  
**High Side Passband:** 2210 – 6000 MHz  
**Passband Insertion Loss:** 1.2 dB Max  
**VSWR:** 1.8  
**Impedance:** 50 Ω  
**Power Handling:** 20 Watt (CW), 100W (Peak)

Size Tolerance: As Below (+/- 0.3m)  
Rev. A (06-27-2017)

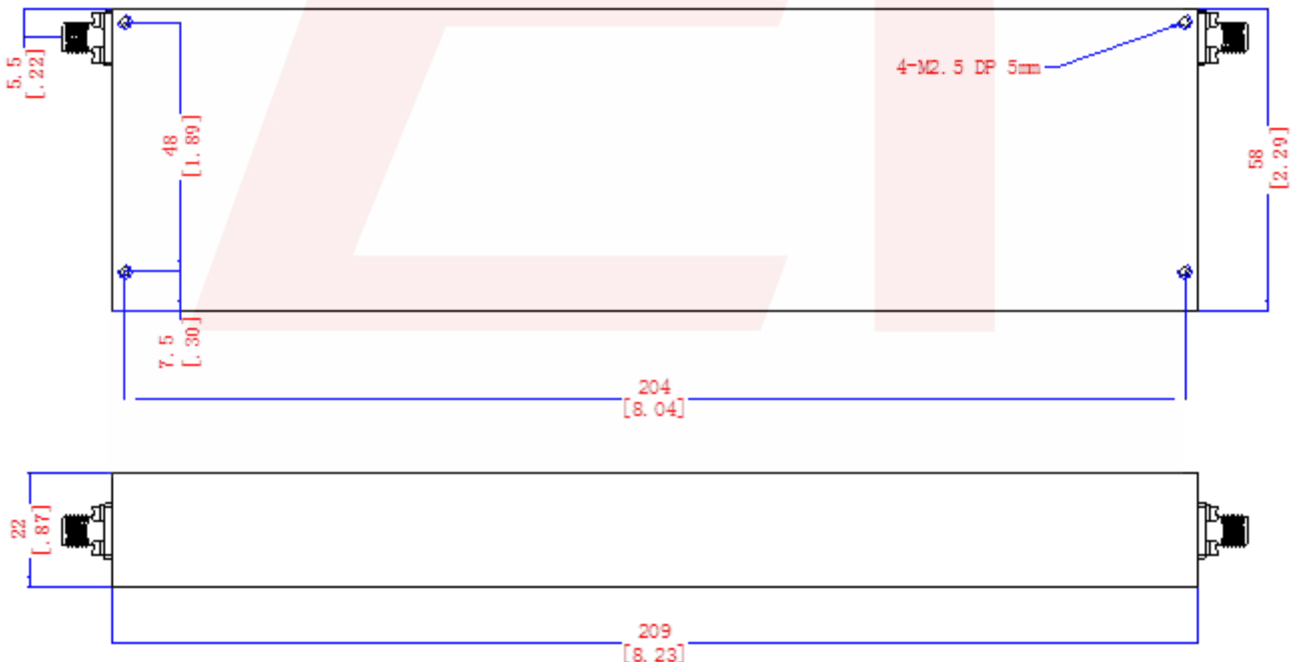
## Mechanical

**Connector Type:** SMA Female  
**Mounting:** Threaded Mounting Holes  
**Dimensions:** 8.23 x 2.29 x 0.87 in

## Environmental

**Operating Temperature:** -20 to +60° C  
**Storage Temperature:** -50 to +90° C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 Hz

## Outline Drawing:



DS-NS2200-03232016-Rev0