



# 2200-2300 MHz Cavity Bandpass Filter



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

**Part Number: AE2250B10760**

## Electrical specifications

**Passband:** 2200-2300MHz  
**Passband Insertion Loss:**  $\leq 2.0\text{dB}(f_0)$   
**Passband Return Loss:**  $\geq 18\text{dB}$   
**Group delay variation:**  $\leq 12\text{ns}$   
**Rejection:**  $\geq 35\text{dB}@2160\text{MHz}$   
**Rejection 2:**  $\geq 35\text{dB}@2340\text{MHz}$   
**Input / Output Impedance:** 50 Ohms

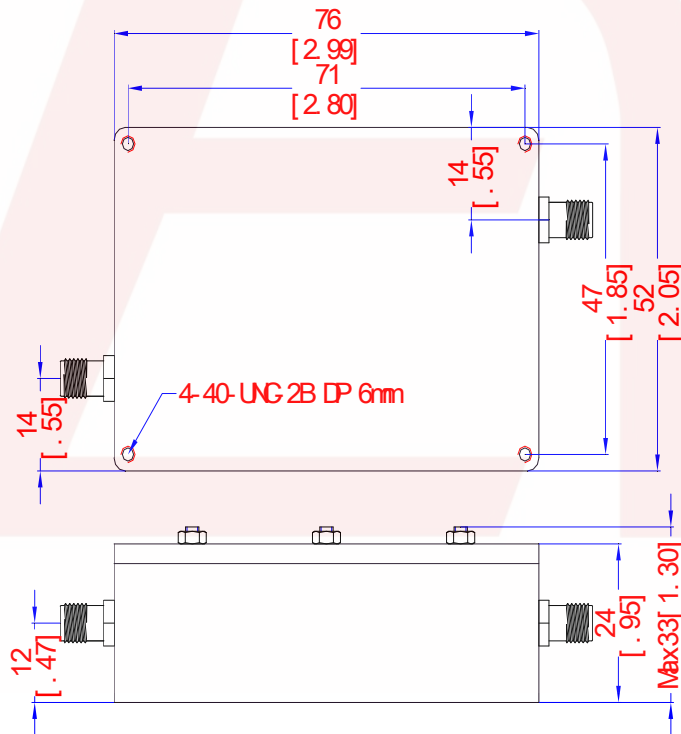
## Mechanical

**Connector Type:** SMA (F)  
**Dimensions:** 2.99 x 2.05 x .95 inches

## Environmental

**Operating Temperature:** -45 to +85 deg.C  
**Storage temperature:** -65 to +95 deg.C  
**Shock:** 20 G's, 1/2 sine, 11ms  
**Vibration:** 10 G's, 10-2000Hz  
**Relative Humidity:** 0-95%

## Outline Drawing:



DS-B10760-03152018-Rev0