



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

# 2300-2900 MHz Cavity Bandpass Filter

**Part Number: AE2600B10759**



## Electrical specifications

**Passband:** 2300-2900MHz  
**Passband Insertion Loss:**  $\leq 1.0\text{dB}(f_0)$   
**Passband Return Loss:**  $\geq 18\text{dB}$   
**Group delay variation:**  $\leq 10\text{ns}$   
**Rejection:**  $\geq 35\text{dB}@2165\text{MHz}$   
**Rejection 2:**  $\geq 35\text{dB}@3050\text{MHz}$   
**Input / Output Impedance:** 50 Ohms

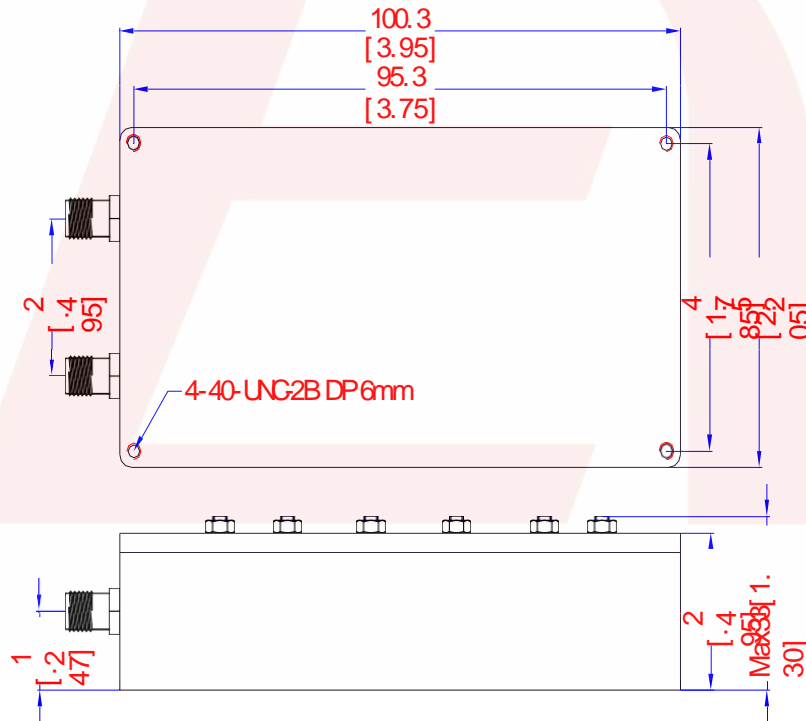
## Mechanical

**Connector Type:** SMA (F)  
**Dimensions:** 3.95 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-B10759-03152018-Rev0



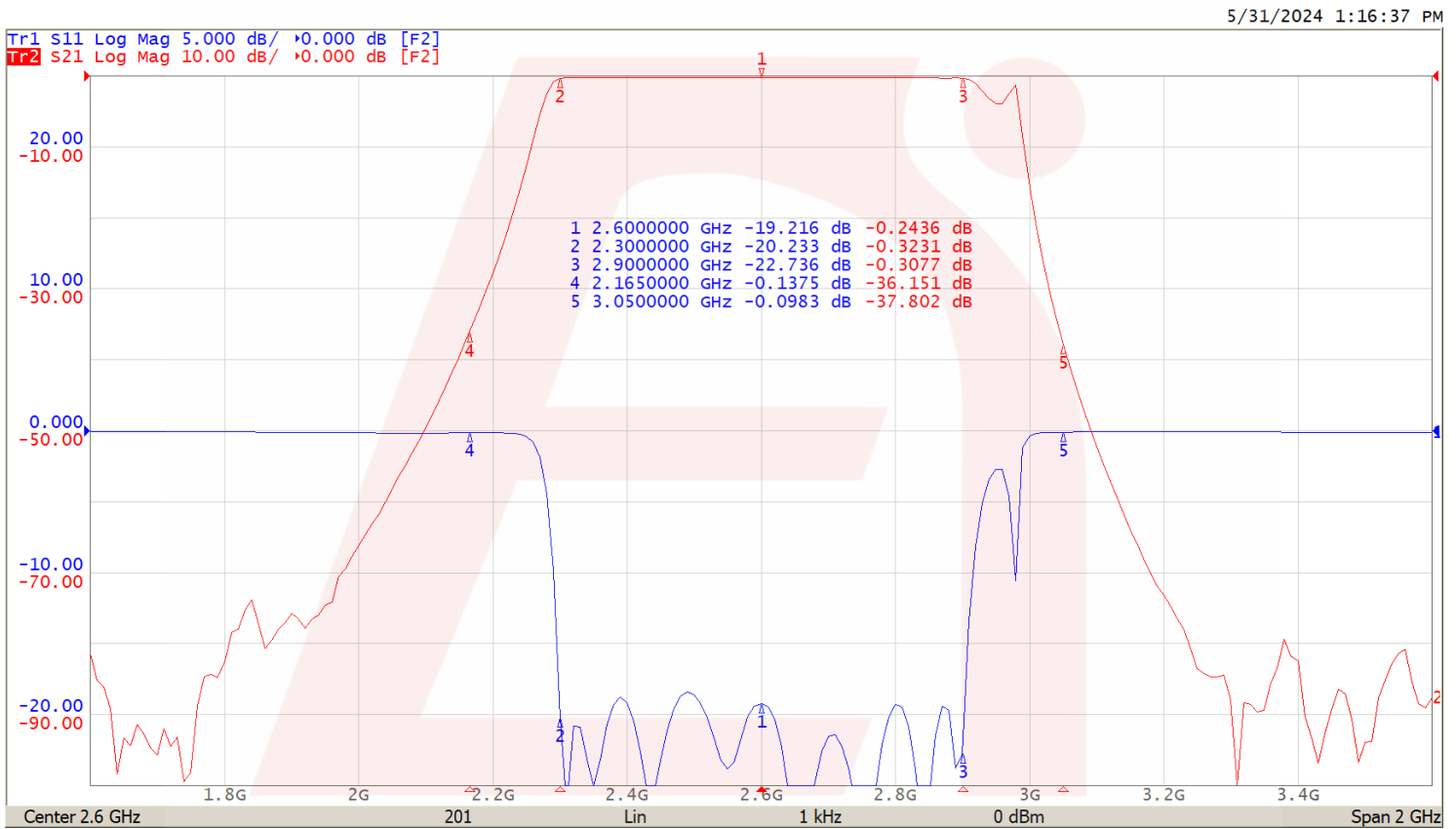
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## Response Plot:



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