



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

# 5470-5725 MHz Cavity Bandpass Filter

**Part Number: AB5597B952**



## Electrical specifications

**Center Frequency:** 5597 MHz  
**Bandwidth:** 255 MHz  
**Passband:** 5470 MHz – 5725 MHz  
**Insertion loss in Passband:** 0.6 dB Max  
**Return loss in Passband:** 12 dB Min  
**Stop Band Attenuation:**  
60 dB Min @ DC – 5269 MHz  
60 dB Min @ 5925 – 8000 MHz  
40 dB Min @ 8000 – 10000 MHz  
**Impedance:** 50 Ohms In/Out  
**Power Handling:** 50 W CW

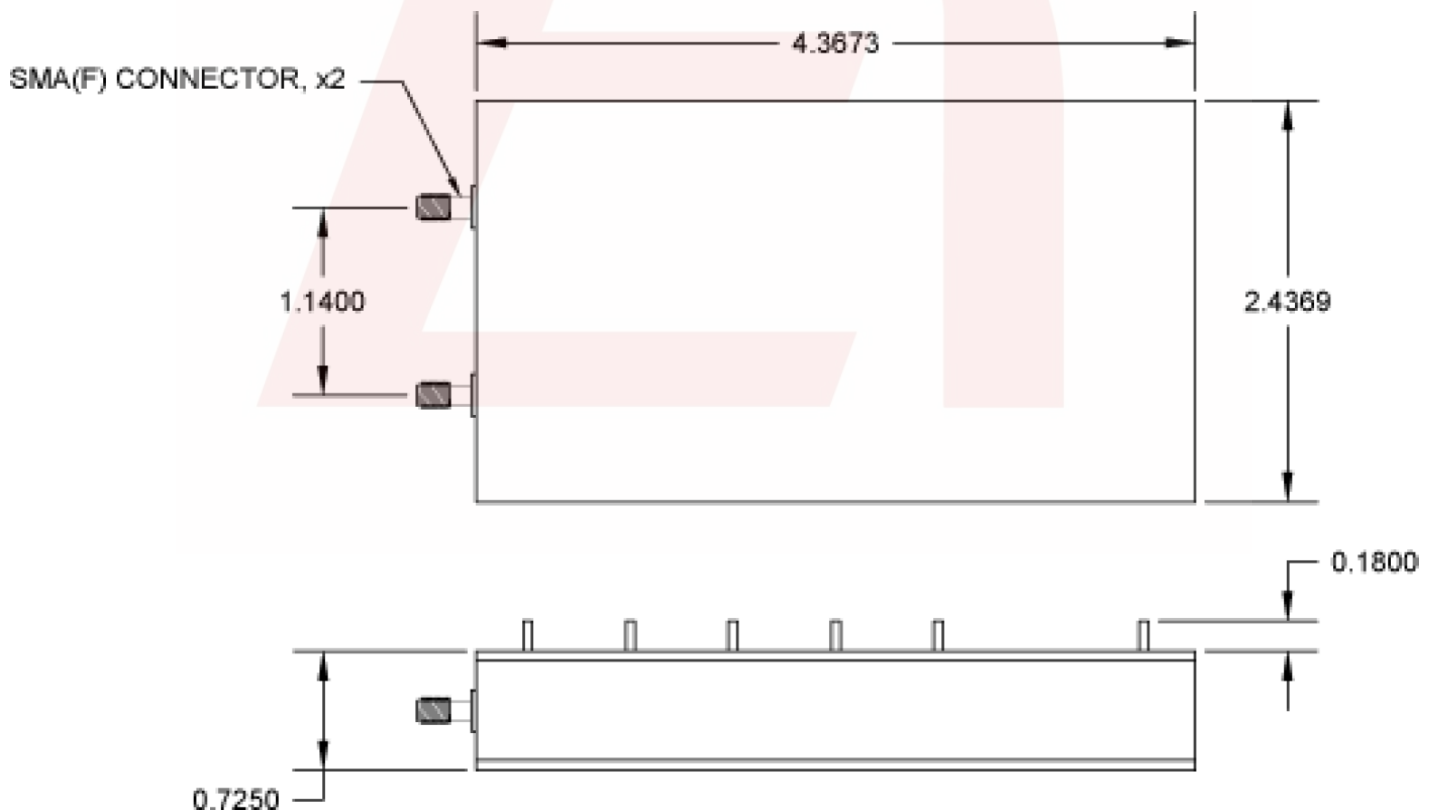
## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA Female  
**Dimensions:** 4.36" X 2.43" X 0.72" 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:



DS-B952-03152018-Rev0



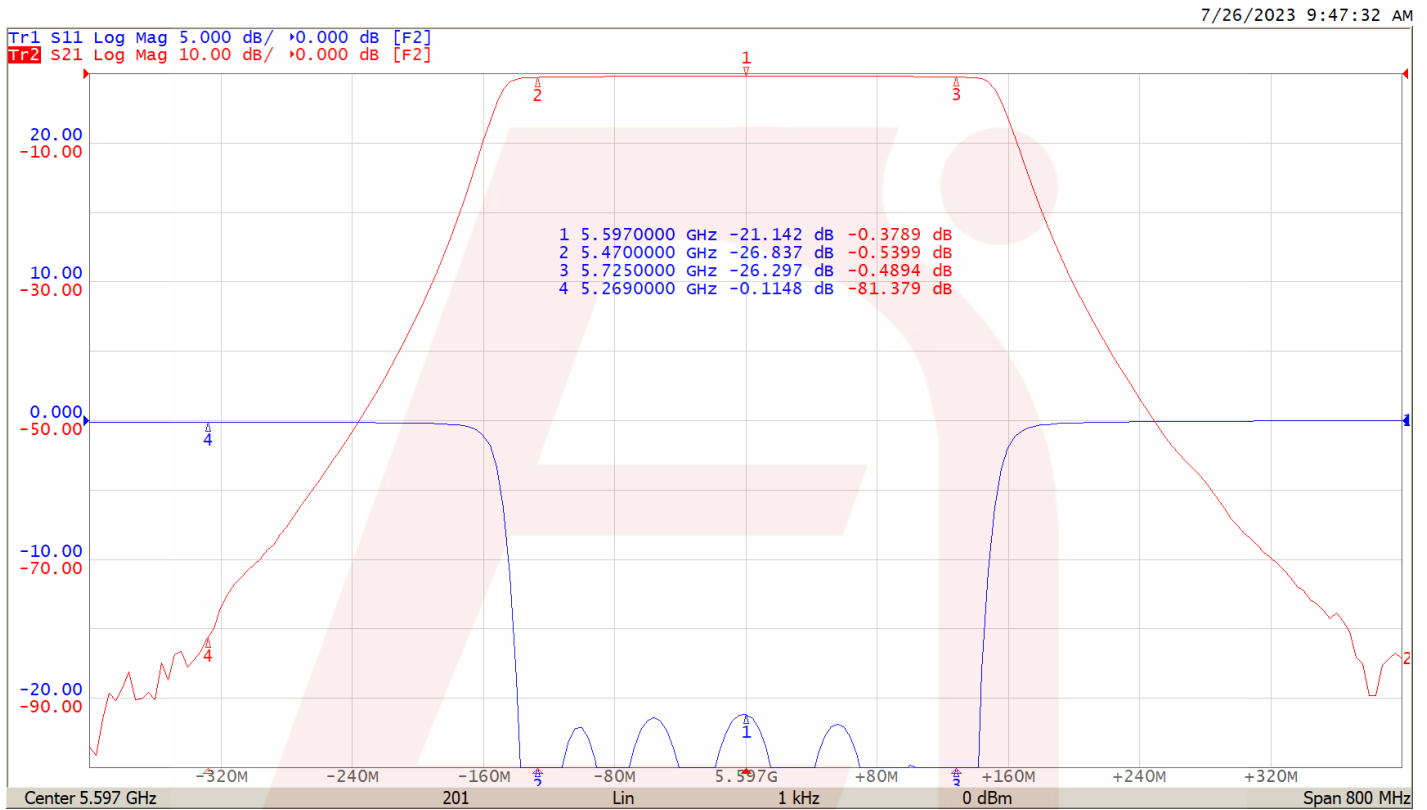
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### Simulation Plot:



Note: This is a simulation Plot. Actual response plot might differ once product is manufactured.

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