



# WiFi 2441.5 MHz Cavity Bandpass Filter



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

**Part Number: AB2441B512**

## Electrical specifications

**Center Frequency (Fo):** 2441.5 MHz  
**Insertion loss at Fo:** <1 desired <2 acceptable  
**0.5 dB bandwidth:** 2404-2470 MHz  
**Return loss at Fo:** >15 dB  
**Rejection frequency on low side (Fs-):** 2390 MHz  
**Rejection frequency on high side (Fs+):** 2483.5 MHz  
**Attenuation at Fs-:** >25 dB  
**Attenuation at Fs+:** >25 dB  
**Spurious passband:** >25 dB rejection to 10 G  
**Impedance:** 50 Ohm  
**Power Handling:** <2 Watts

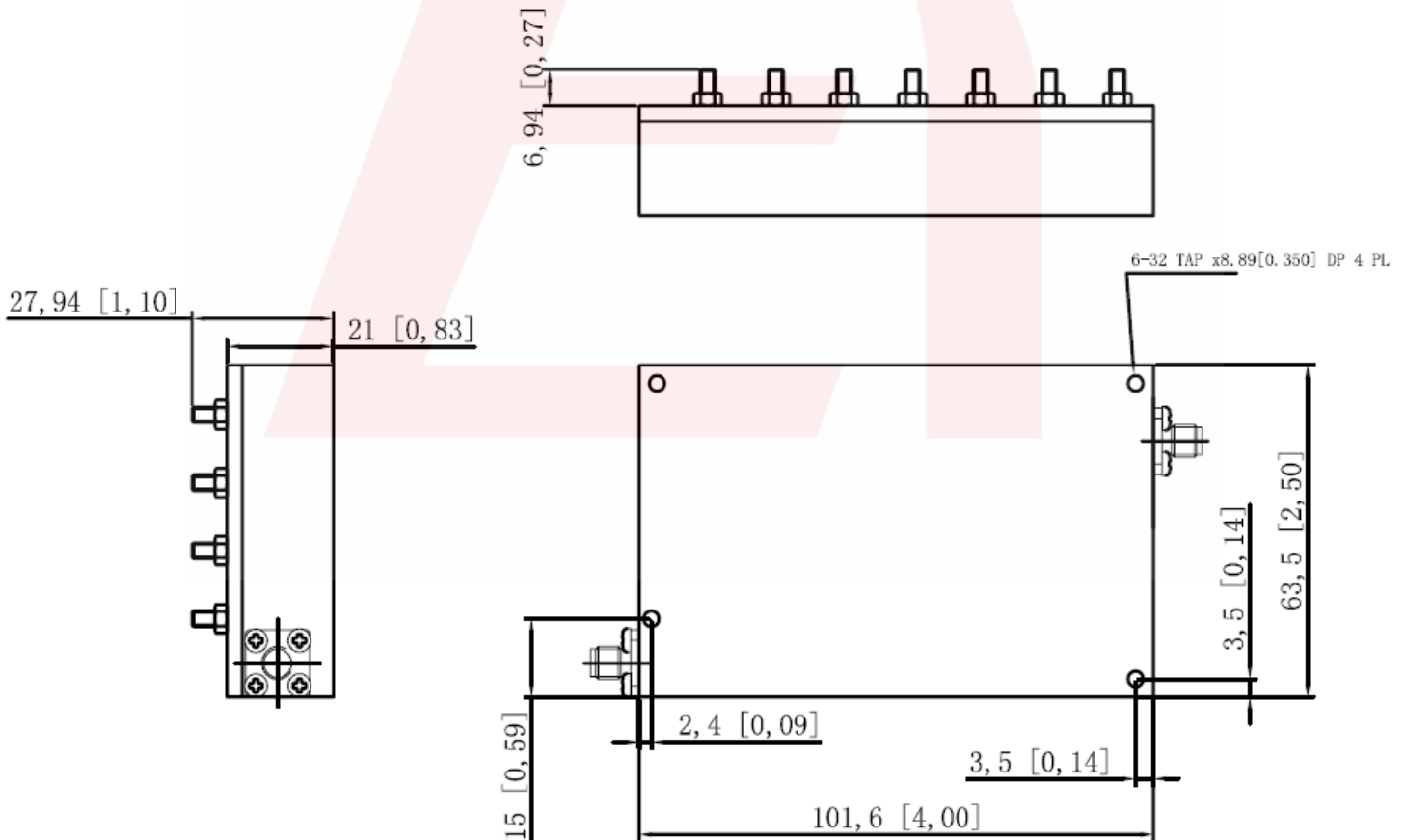
## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA Female  
**Dimensions:** 4.00" X 2.50" X 1.10" 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-B512-03152015-Rev0



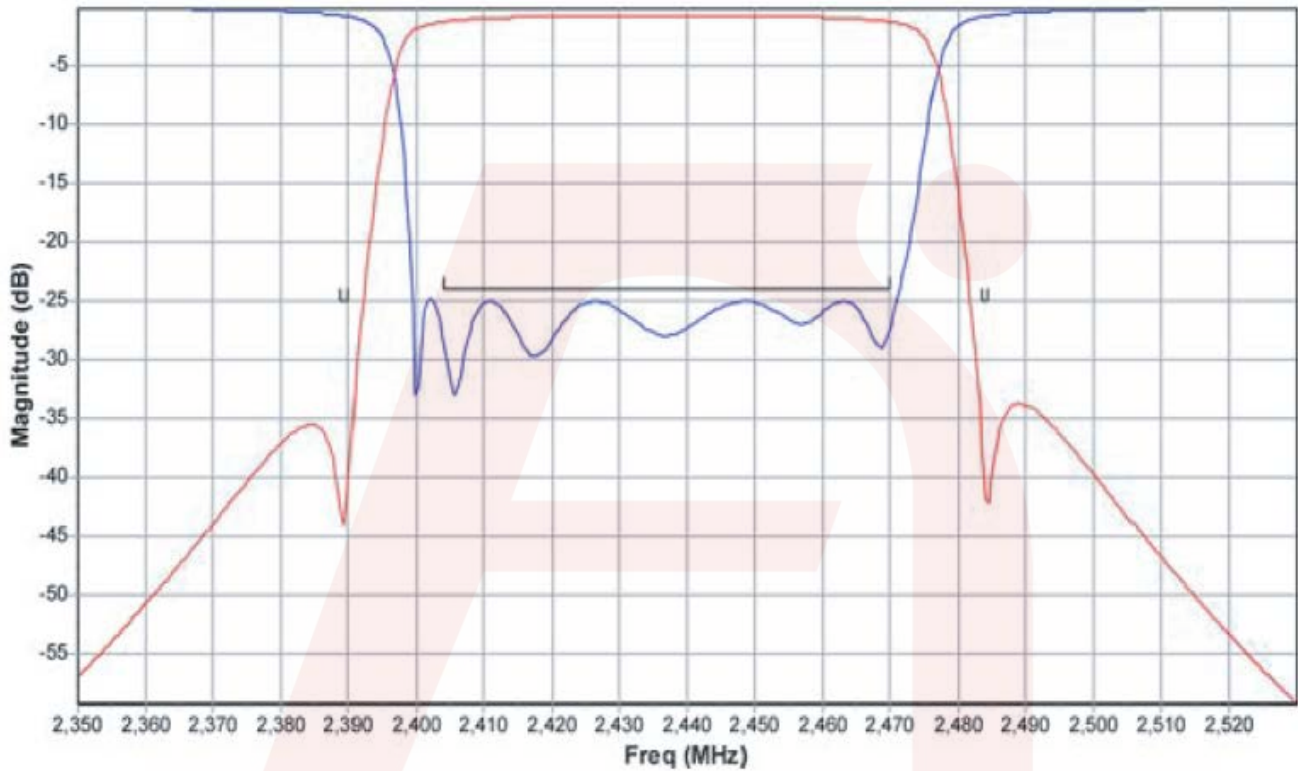
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Plot:



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