



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

**2.495-2.690 MHz**

**Cavity Bandpass**

**Part Number: AB2592B763**



**Electrical specifications**

**Center Frequency:** 2592 MHz  
**Bandwidth:** 195 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 2.495 – 2.690 MHz  
**Passband Insertion Loss:** 0.35 dB typical  
 0.5 dB MAX  
**Flatness of Insertion Loss (dB):** 0.15 dB typical  
 0.25 MAX  
**Passband Ripple:** <0.2 dB  
**Passband Return Loss:** (dB)(min): 16 dB typical  
**Rejection:** 20 dB @ 2200-2340 MHz  
**Rejection 2:** 20 dB @ 2860-3000 MHz  
**Power Handling:** 20 W CW, 130 W peak

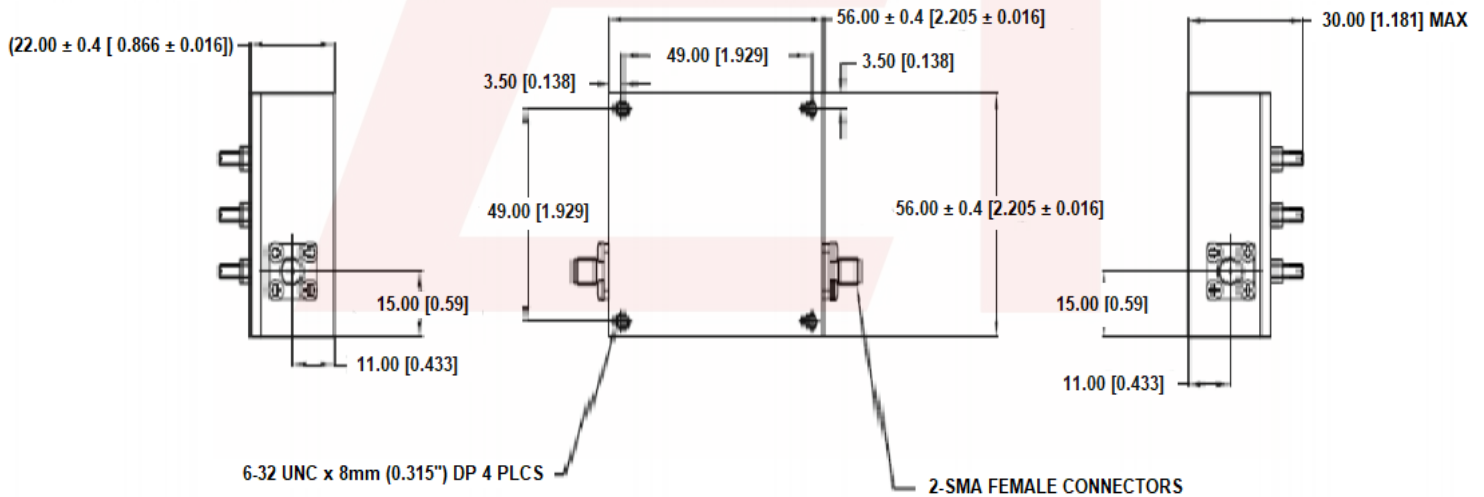
**Mechanical**

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA (F)  
**Dimensions:** 56mm x 56mm x 30mm

**Environmental**

**Operating Temperature:** 0 to 50 deg.C  
**Storage Temperature:** -55 to +95 deg.C  
**Shock:** 20 G. 11ms  
**Vibration:** 20G. 5 to 200 Hz

**Outline Drawing:**



DS-B763-03192021-Rev0



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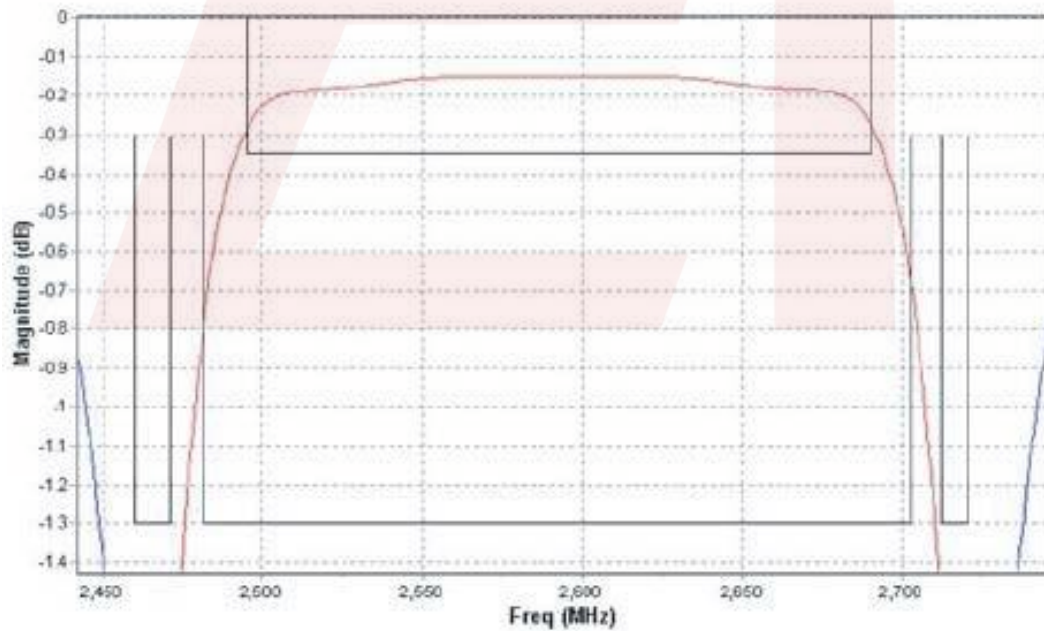
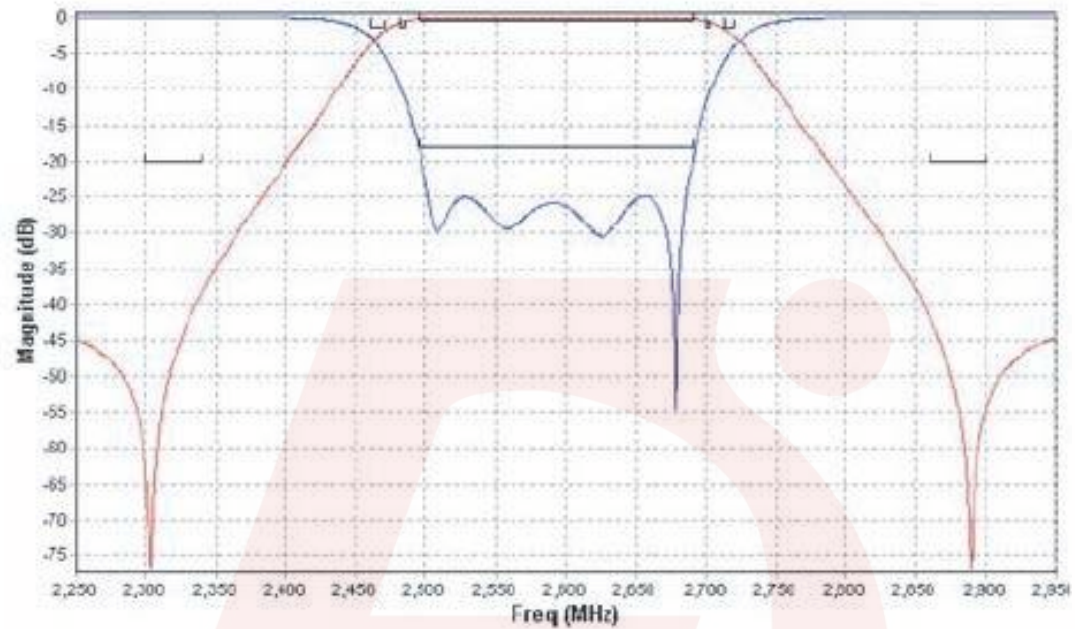
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**Response Plot:**



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