



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

# 800 MHz Cavity Bandpass Filter

**Part Number: AB800B843**



## Electrical specifications

**Center Frequency:** 800 MHz  
**Bandwidth:** 12.3 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband Insertion Loss:** ~2 dB  
**Passband Ripple:** <0.2 dB  
**Passband Return Loss:** 14 dB min  
**Rejection:** (785 MHz): 50 dBc  
**Rejection 2:** (815 MHz): 50 dBc  
**Power Handling:** 30 Watts

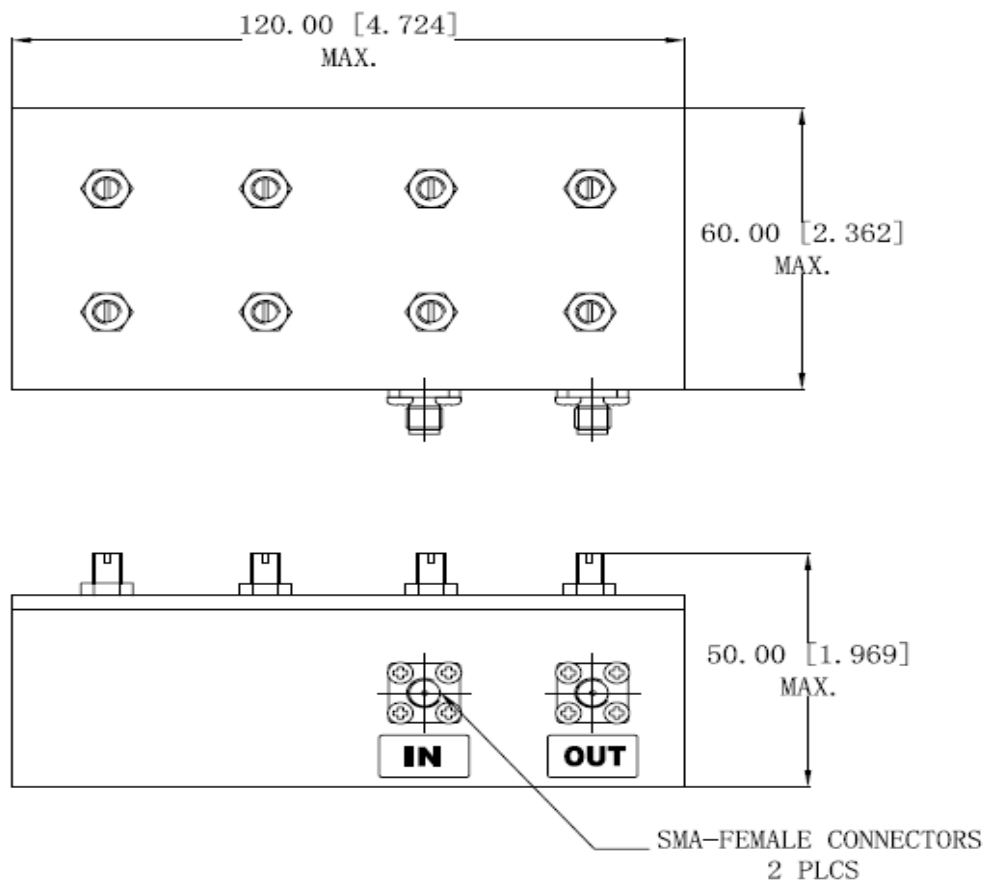
## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Input Connector Type:** SMA (F)  
**Output Connector Type:** SMA (F)  
**Dimensions:** 120 x 60 x 50 mm.

## Environmental

**Operating Temperature:** -45 to +85 deg.C  
**Storage Temperature:** -55 to +95 deg.C  
**Shock:** 20 G. 11ms  
**Vibration:** 20G. 5 to 200 MHz

## Outline Drawing:





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## Response Plot:

