



**Electrical specifications**

**Center Frequency:** 1737.5 MHz  
**Bandwidth:** 235 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 1620-1855MHz  
**Passband Insertion Loss:** ≤1.0dB  
**Passband Return Loss:** ≥15dB  
**Rejection:** ≥45dBc@1520MHz  
**Rejection 2:** ≥45dBc@1955MHz  
**Rejection 3:** ≥90dBc@2200-6000MHz  
**Power Handling:** 40 W max

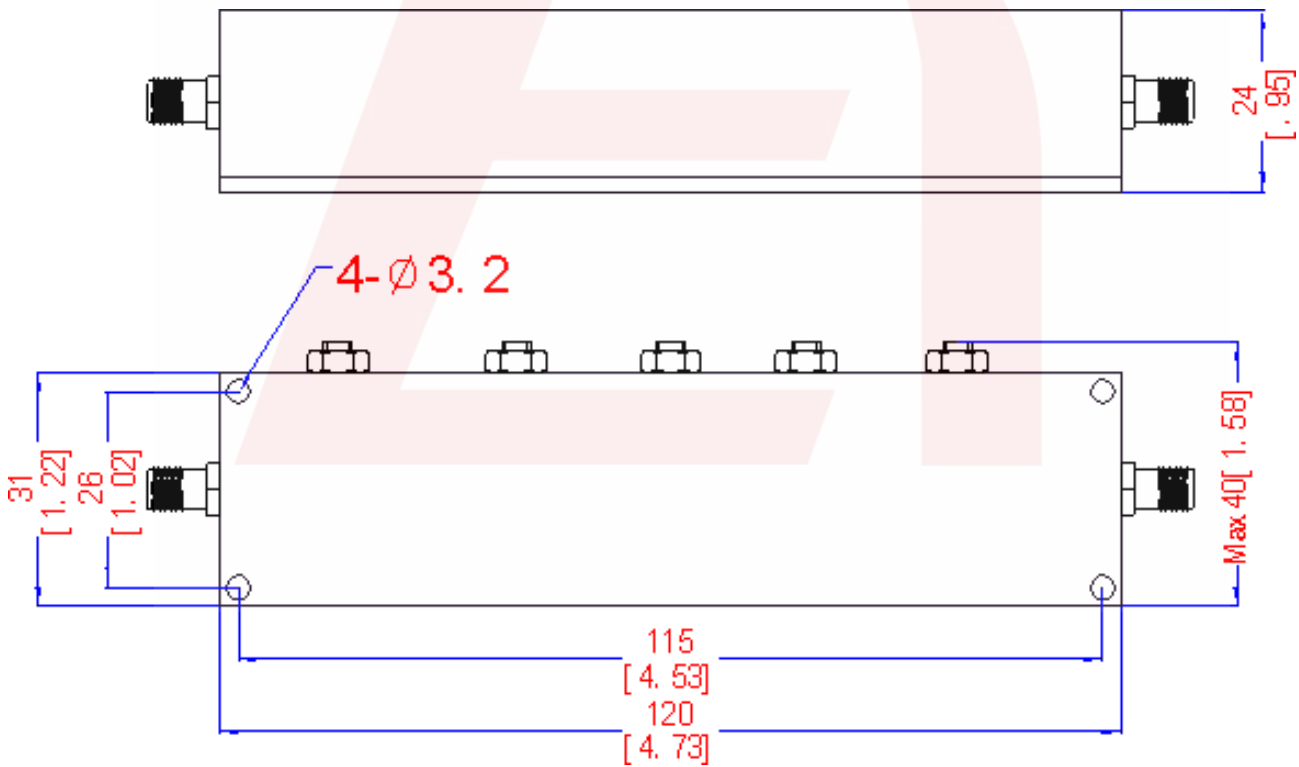
**Mechanical**

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA Female  
**Dimensions:** 4.73 x 1.22 x .95 in.

**Environmental**

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

**Outline Drawing:**





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

# 1737.5 MHz Cavity Bandpass Filter

**Part Number: AB1737B1159**



## Response Plot:



DS-B1159-03152015-Rev1