



**Electrical specifications**

**Center Frequency:** 1400 MHz  
**Passband:** 1375-1425 MHz  
**Insertion loss:** 1.0 dB  
**Return loss:** 15 dB  
**Passband Flatness:** 0.2 dB  
**Rejection:** >=60 dB@DC-1200 MHz  
                   >=60 dB @1600 MHz  
                   >=65 dB @ 1700  
**Impedance:** 50 Ohm  
**Power handling:** 20 Watts

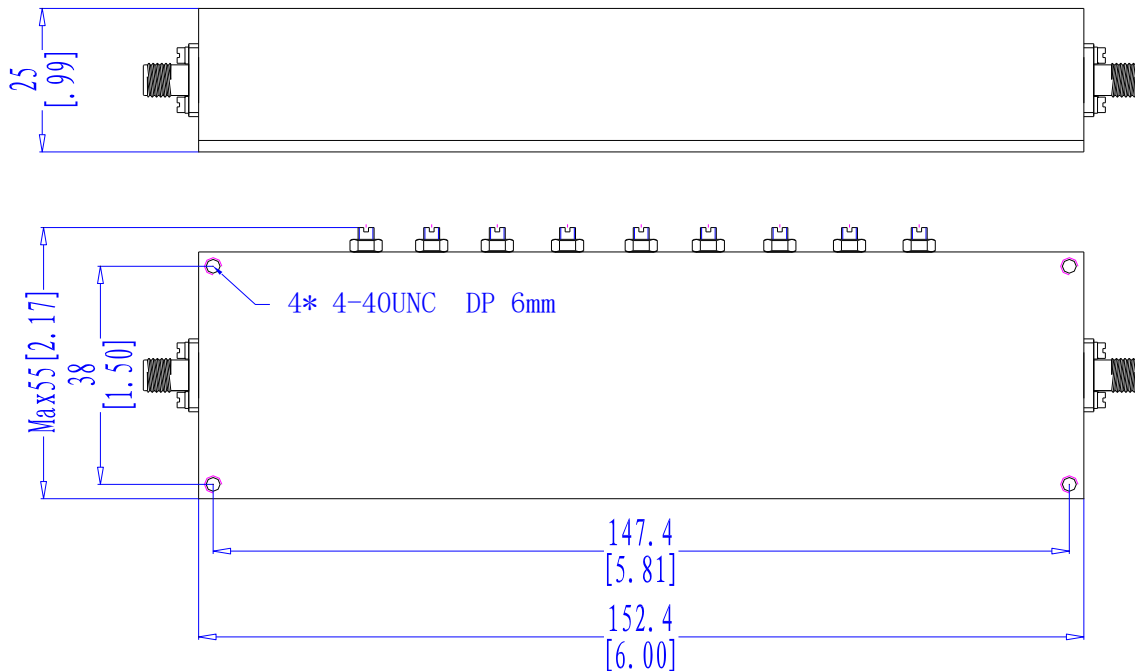
**Mechanical**

**Mounting Method:** 4-40 hreaded Mounting Holes  
**Connector Type:** SMA Female  
**Dimensions:** 6.00" X 2.17" X 0.99"

**Environmental**

**Operating Temperature:** -45 to +70° C  
**Storage Temperature:** -55 to +85° C  
**Shock:** 20G for 11msec half sine wave,3 axis both directions  
**Vibration:** 20 G. 5 to 200 MHz  
**Humidity:** 95%RH at 40 deg. C

**Outline Drawing:**





# 1400 MHz Cavity Bandpass Filter

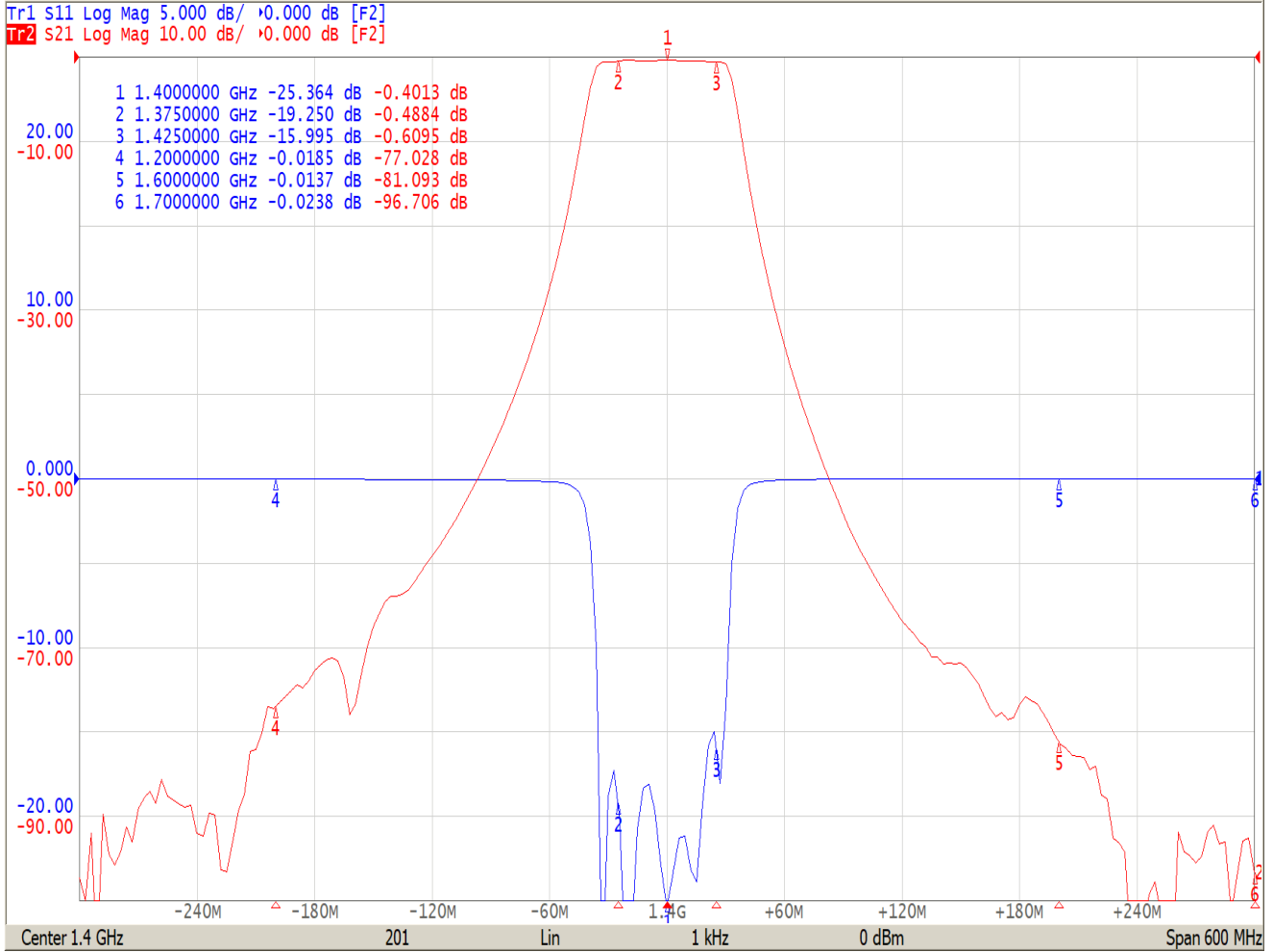
## Part Number: AE1400B11957



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

### Response Plot:

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DS-B11957-05192022-Rev1