



# 1400 MHz Cavity Bandpass Filter

**Part Number: AE1400B11956**



## Electrical specifications

**Center Frequency:** 1400 MHz  
**Passband:** 1250-1550 MHz  
**Insertion loss:** 1.0 dB  
**Return loss:** 15 db  
**Passband Flatness:** 0.2 dB  
**Rejection:** >=65 dB@DC-1125 MHz  
 >=65 dB @1675-1800 MHz  
**Impedance:** 50 Ohm  
**Power handling:** 20 Watts

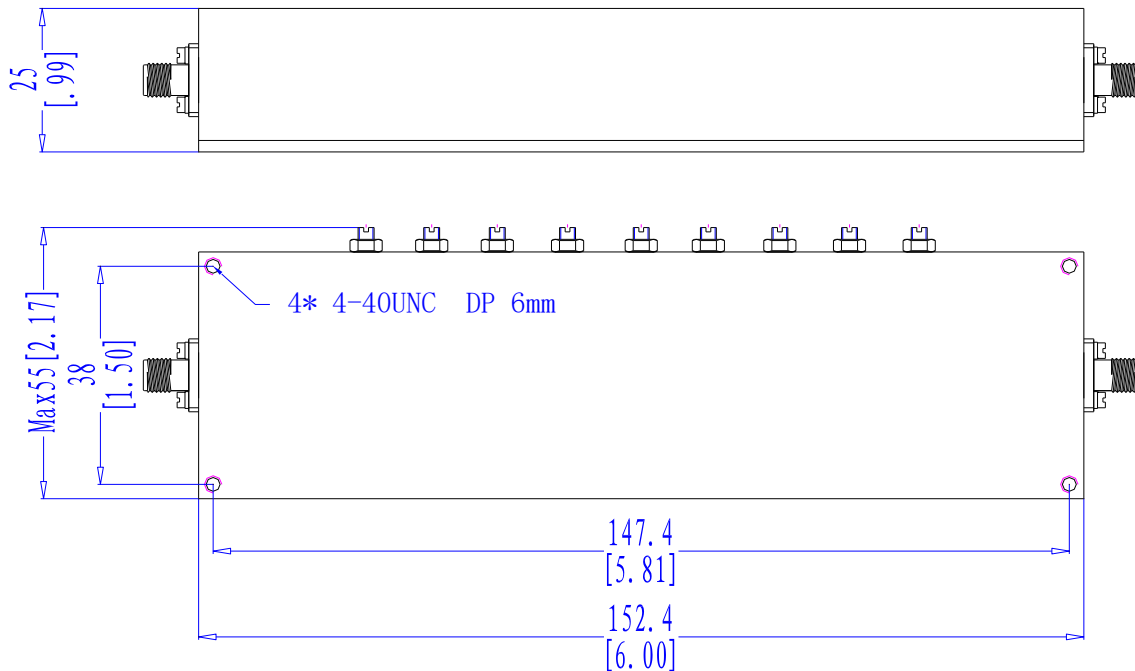
## Mechanical

**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:





### Response Plott:

6/28/2022 10:51:00 AM

