



### Electrical specifications

**Center Frequency:** 1425 MHz  
**Bandwidth:** 50 MHz  
**Pass Band (Pb):** 1400 – 1450 MHz  
**Insertion Loss in Pb:** 1.0 dB Max.  
**Return Loss in Pb:** 15 dB Min.  
**Passband Flatness:** 0.2 dB Max.  
**Rejection:** >=20 dB @ 1325 MHz  
                   >=65 dB @ 1200 MHz  
                   >=20 dB @ 1525 MHz  
                   >=65 dB @ 1650 MHz  
**Impedance:** 50 Ohm In/Out  
**Power handling:** 20 W CW

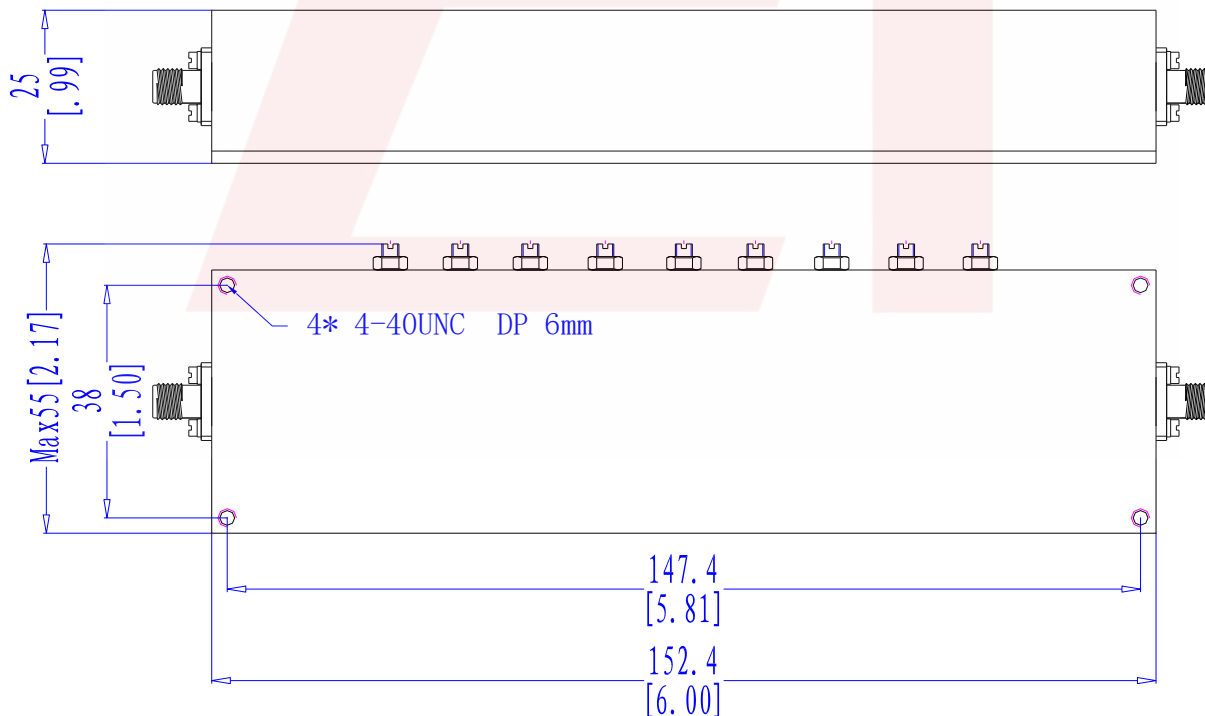
### Mechanical

**Mounting Method:** 4-40 threaded Mounting Holes  
**Connector Type:** SMA(F)  
**Dimensions:** 6.00 X 2.17 X 0.99 in  
                   152.4 x 55 x 25 mm

### Environmental

**Operating Temperature:** -45°C to +70°C  
**Storage Temperature:** -55°C 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°C

### Outline Drawing:





### Response Plot:

11/11/2024 10:00:55 AM

