



### Electrical specifications

**Center Frequency:** 2250 MHz  
**Bandwidth:** 100 MHz  
**Passband:** 2200 – 2300 MHz  
**Insertion Loss:** 0.5 dB Max  
**Return Loss:** 15 dB Min  
**Rejection:** 30 dB Min @ 2170 MHz  
**Rejection:** 30 dB Min @ 2330 MHz  
**Rejection:** 60 dB Min @ 2400 MHz  
**Impedance:** 50 Ohms In/Out  
**Power Handling:** 40 W CW

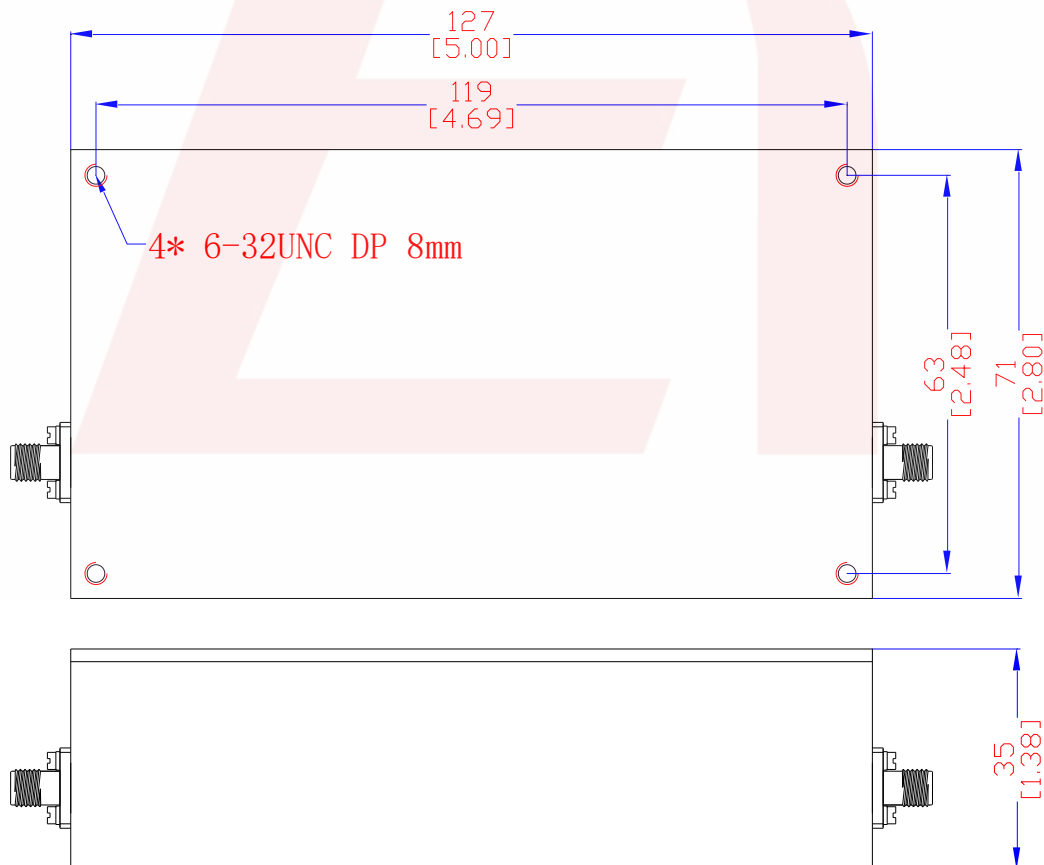
### Mechanical

**Connector Type:** SMA Female  
**Dimensions:** 5.0 x 2.80 x 1.38 in.  
127 x 71 x 35 mm

### Environmental

**Operating Temperature:** -45 to +70° C  
**Storage Temperature:** -55 to +85° C  
**Shock:** 20G for 11ms  
**Vibration:** 20 G. 5 to 200 Hz  
**Environment Class:** IP65

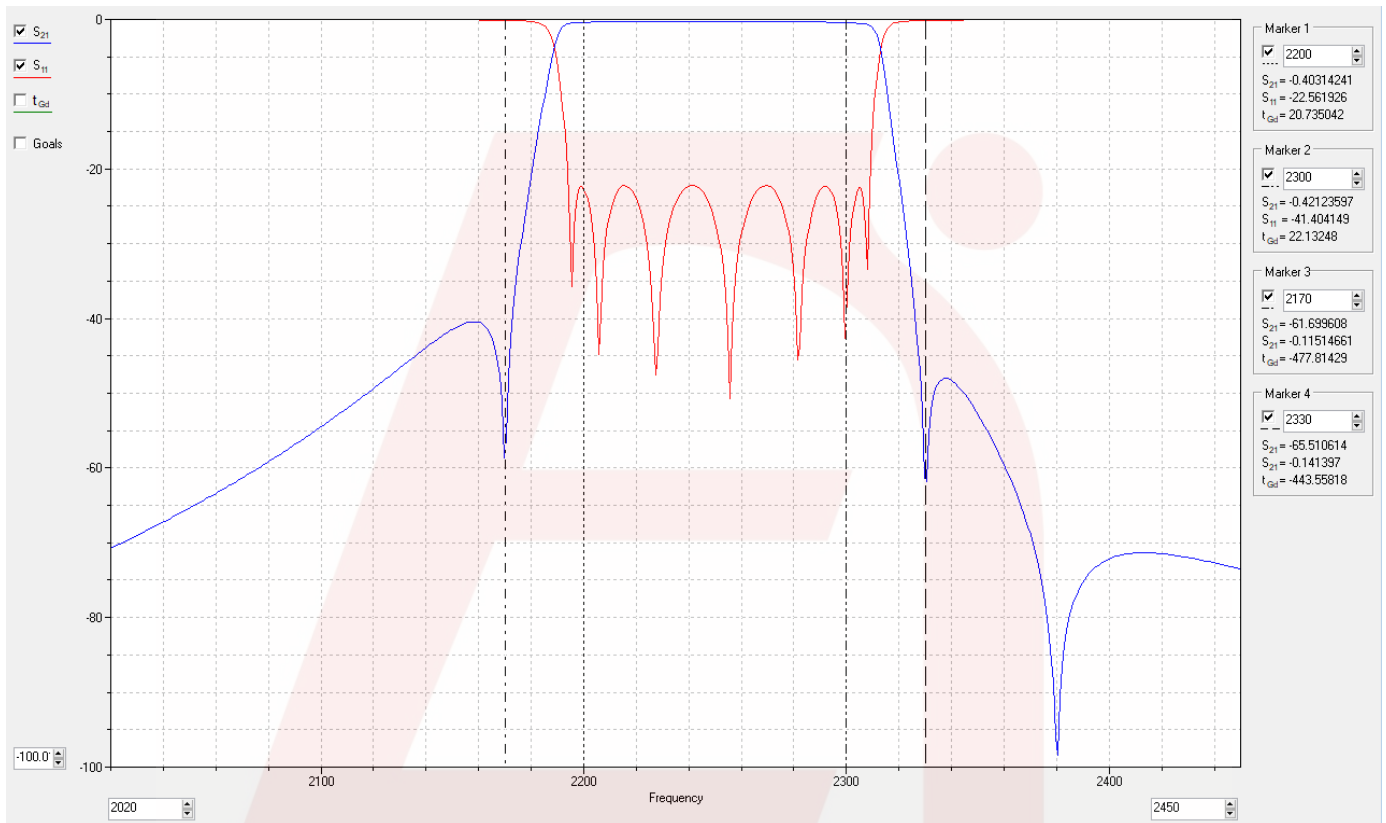
### Outline Drawing:



DS-B12033-09152023-Rev0



### Simulation Plot:



Note: This is a simulation Plot. Actual response plot might differ once product is manufactured.