



Electrical Specifications

Cut Off Frequency: 21GHz
Pass Band Frequency: DC~21GHz
Pass Band Insertion Loss:
 $\leq 1.0\text{dB @ DC}\sim 20\text{GHz}$
 $\leq 3.0\text{dB @ } 20\sim 21\text{GHz}$
Pass Band VSWR: $\leq 1.6:1$
Stop Band Attenuation: $\geq 50\text{dB @ } 22.2\sim 27\text{GHz}$
Impedance: 50 Ohms
Power Handling: $\leq 15\text{W}$

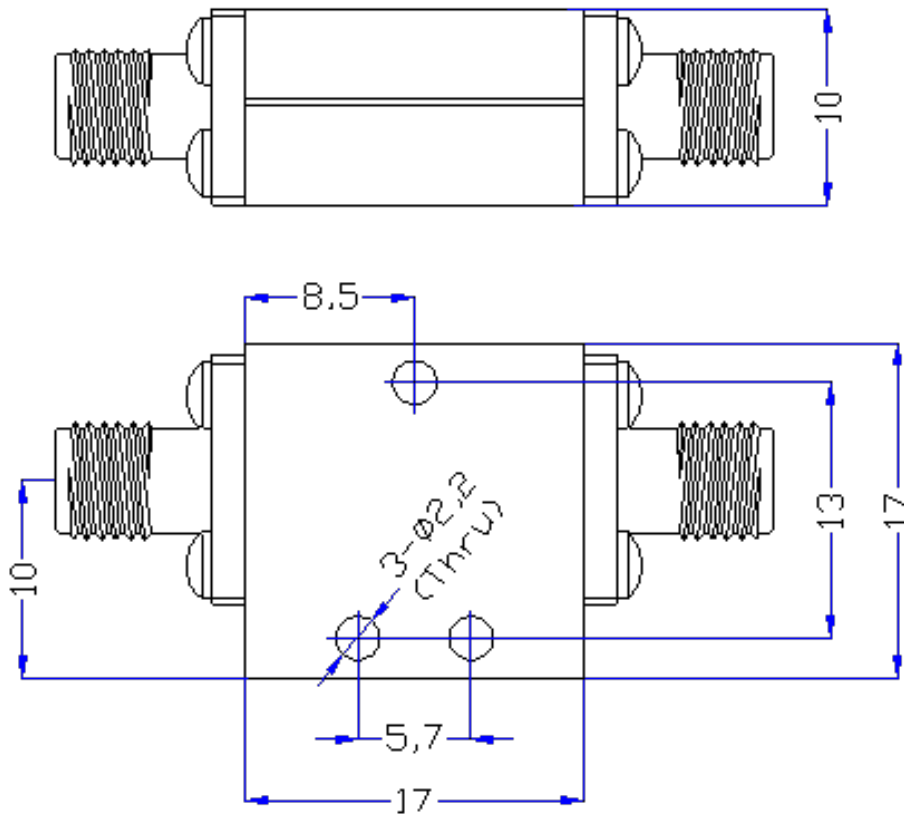
Mechanical

Mounting Method: Through Holes
Connector Type: SMA-Female
Dimensions: 17 x 17 x 10 mm

Environmental

Operating Temperature: -45° to $+85^{\circ}$ C
Storage Temperature: -55° to $+95^{\circ}$ C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz

Outline Drawing:

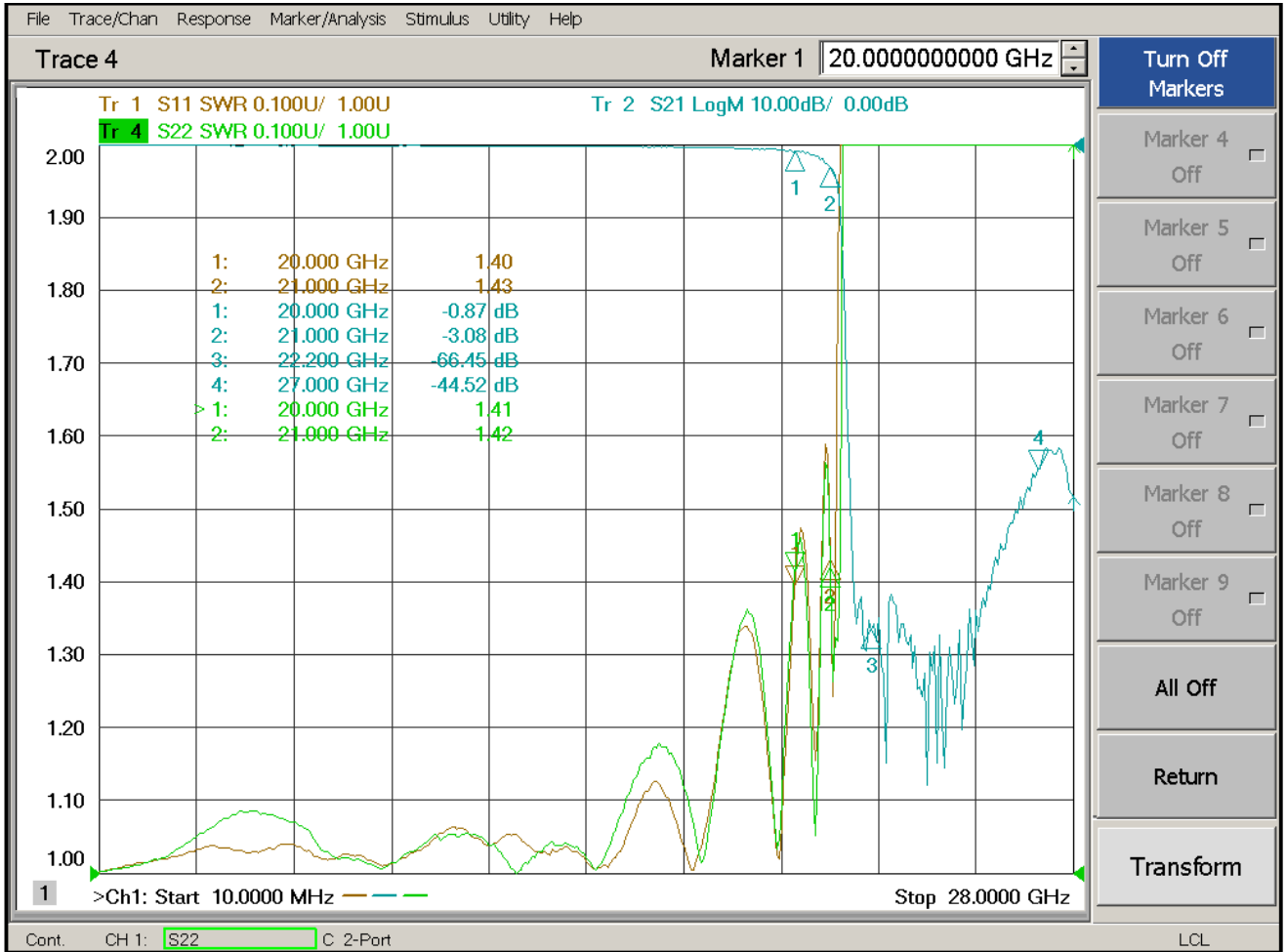


2 decimal places: ± 0.01 inches [$\pm 0.3\text{mm}$]
 3 decimal places: ± 0.005 inches [$\pm 0.13\text{mm}$]
 Angles: ± 1 Deg.

When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.



Response Plot-1:





Response Plot-2:

