



Electrical specifications

Center Frequency: 1090 MHz
Passband: 1085-1095 MHz
3dB BW: 20 MHz Max.
Insertion Loss: 1.0 dB Max.
Ripple: 0.25 dB Max.
VSWR: 1.5:1 Max.
Rejection1: 21 dBc min @ 1070 MHz
Rejection2: 60 dBc min @ 1635 MHz
Impedance: 50 Ω
Power Handling: 50W (CW)

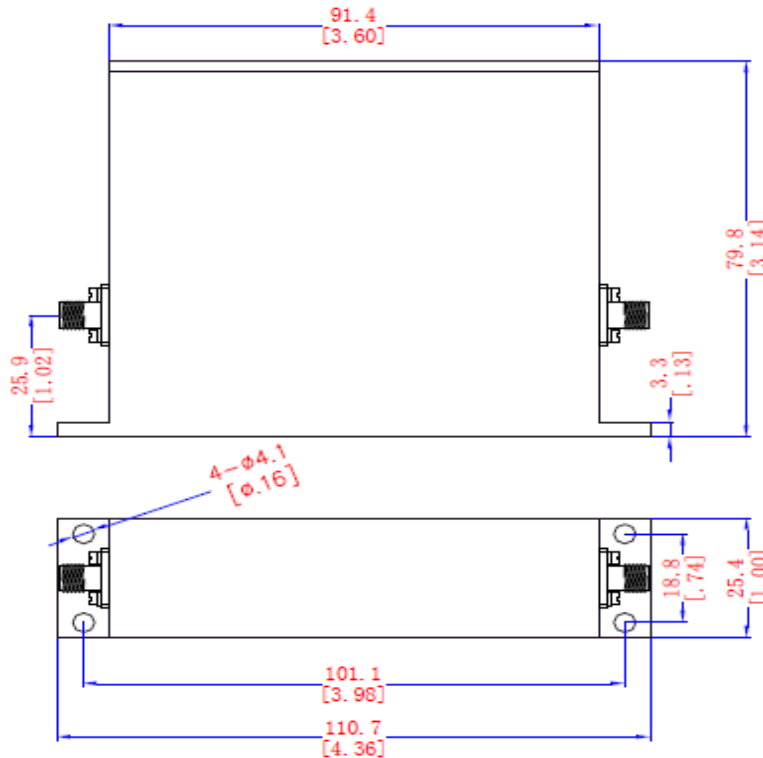
Mechanical

Mounting: Through Hole
Connector Type: SMA Female
Dimensions With Mounting: 4.36 x 3.14 x 1.00 in

Environmental

Operating Temperature: -40°C to +80°C
Storage Temperature: -50°C to +95°C
Relative Humidity: : 0 – 95 %
Vibration: 10G's, 10 Hz – 2000 Hz
Shock: 20G's, ½ SINE, 11ms

Outline Drawing:



Tolerance: +/-0.01 inches [+/- 0.3mm]

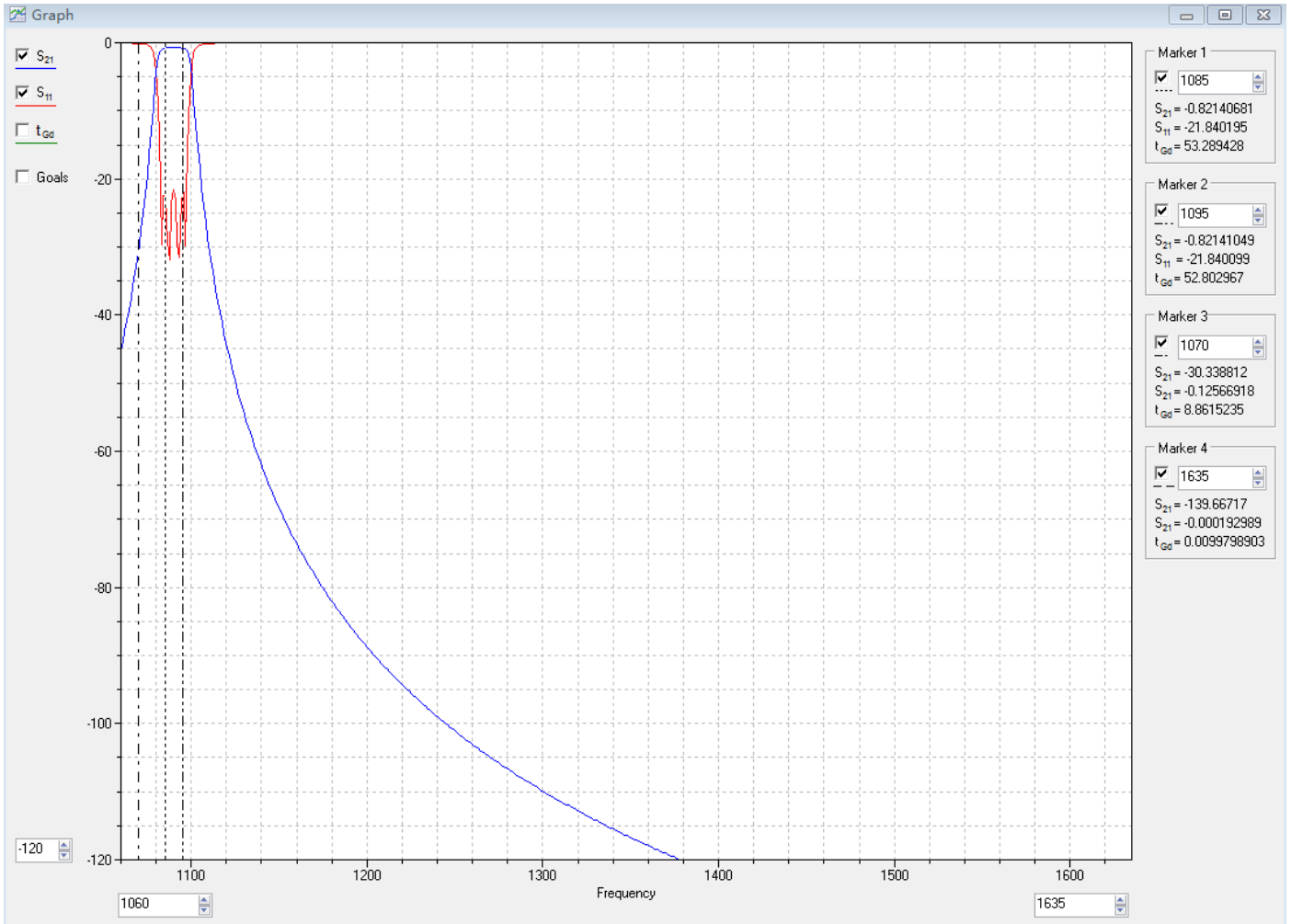
Angles: +/- 1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

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



Simulation Plot:



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