## Electrical Specifications(50Ω)

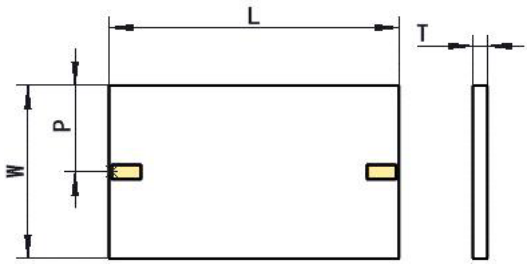
| ITEM | | | Min. | Typ. | Max. | Unit |
|---|---|---|---|---|---|---|
| 1 | Frequency Range | | DC | | 23 | GHz |
| 2 | Insertion Loss | | | 2.2 | 2.5 | dB |
| 3 | Ripple | | | | 2.5 | dB |
| 4 | Return Loss | | 11 | 15 | | dB |
| 5 | Rejection | @25~25.5GHz | 20 | 25 | | dB |
| | | @25.5~46GHz | 35 | 40 | | |
| 6 | Power Handling* | | 1W | | | |
| 7 | Package | | Gold Wire Bonding | | | |

Remark: The specification with * means that it is guaranteed by design.

## Environmental Specifications

| | | |
|---|---|---|
| 1 | Operating Temperature | -40℃~+70℃ |
| 2 | Storage Temperature | -55℃~+85℃ |

## Outline Drawing




| L | W | P | T |
|---|---|---|---|
| 4 | 2 | 1 | 0.254 |

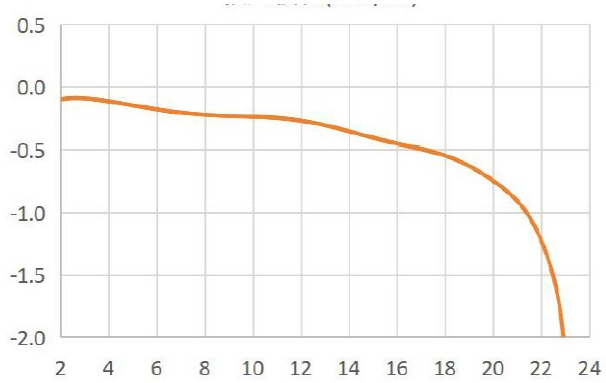
Unit: mm Tolerance: L&W±0.05mm,

Remark:

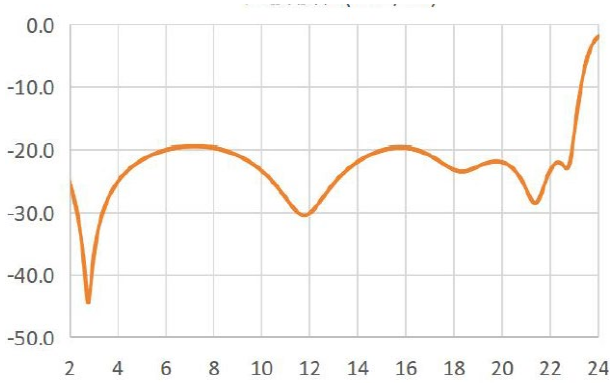
Recommended mounting the device on a Kova carrier with a low-stress conductive adhesive.

## Simulation Curves

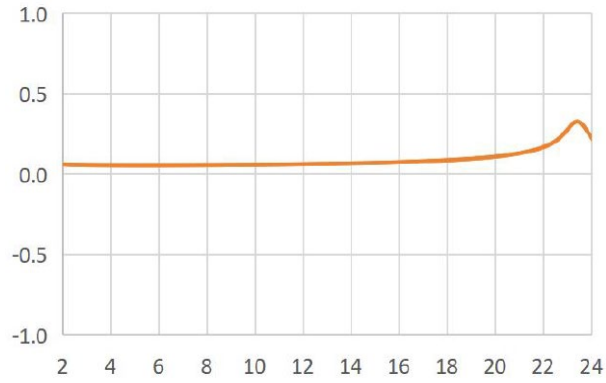
Insertion Loss(GHz/dB)




Return Loss(GHz/dB)




Group Delay(GHz/ns)




Rejection(GHz/dB)

