## Electrical Specifications(50Ω)

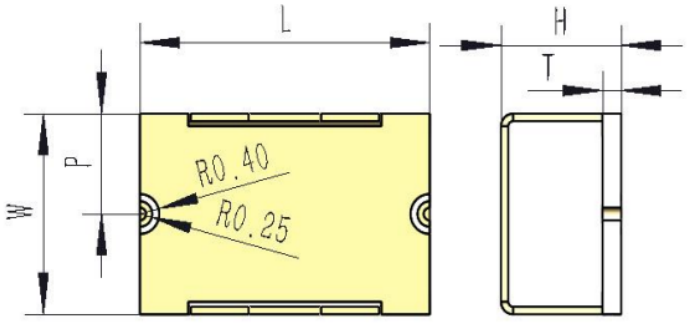
| ITEM | | | Min. | Typ. | Max. | Unit |
|---|---|---|---|---|---|---|
| 1 | Frequency Range | | 10.4 | | 14.6 | GHz |
| 2 | Insertion Loss | | | 2.1 | 3.5 | dB |
| 3 | Ripple | | | | 1.5 | dB |
| 4 | Return Loss | | 12 | 14 | | dB |
| 5 | Rejection | @1.3~5.1GHz | 55 | 60 | | dBc |
| | | @15.8~20GHz | 45 | 52 | | dB |
| 6 | Power Handling* | | 1W | | | |
| 7 | Package | | SMD | | | |

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 | H | P | T |
|---|---|---|---|---|
| 10 | 4 | 2.5 | 2 | 0.381 |

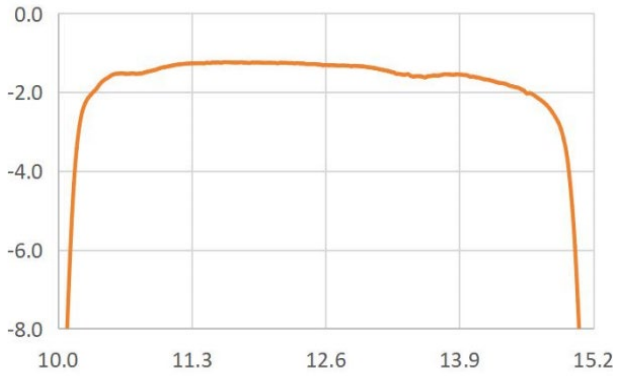
Unit: mm Tolerance: L&W±0.05mm,H±0.2mm

Remark:

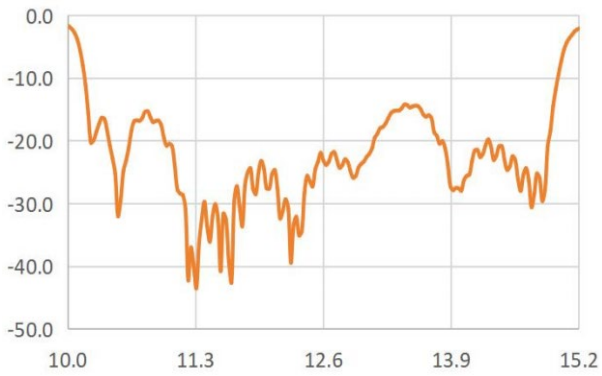
240°C solder paste is used in the device. Pay more attention to the temperature of reflow soldering.

## Typical Test Curves

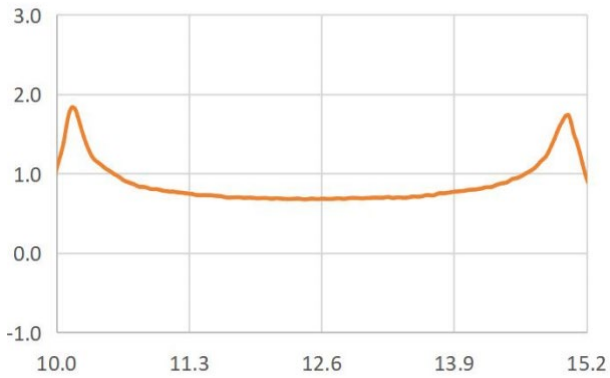
Insertion Loss(GHz/dB)




Return Loss(GHz/dB)




Group Delay(GHz/ns)




Rejection(GHz/dB)

