

## Product features

Broadband, small volume.

## Main specifications

| Parameters            | Min | Typical | Max  | Units |
|-----------------------|-----|---------|------|-------|
| Frequency             | 4.5 | ~       | 3000 | MHz   |
| IL                    |     | 2       | 3.3  | dB    |
| VSWR                  |     | 1.5     |      |       |
| Amplitude balance     |     | 1       | 1.6  | dB    |
| Phase balance         |     | 4       | 8    | °     |
| Common Mode Rejection | 17  | 23      |      | dB    |

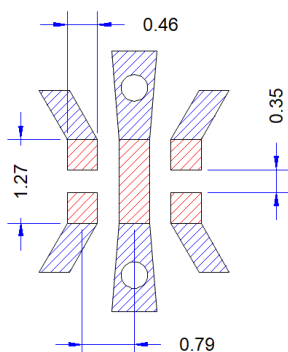
## Other parameters

|                 |                             |
|-----------------|-----------------------------|
| Impedance ratio | 1:1 Balun                   |
| Connector       | SMD                         |
| Impedance       | 50Ω                         |
| Power Capacity  | 1W Design assurance         |
| Operation Temp. | -45~+85°C Design assurance  |
| Storage Temp.   | -55~+100°C Design assurance |
| Quality Grade   | Industrial grade            |
| Other           | 替代TTC1-33W+                 |

## Port Definition

|               |                  |
|---------------|------------------|
| PRIMARY DOT   | PRIMARY DOT: 1   |
| PRIMARY       | PRIMARY: 4       |
| SECONDARY DOT | SECONDARY DOT: 2 |
| SECONDARY     | SECONDARY: 3     |
| NOT USED      | 5                |

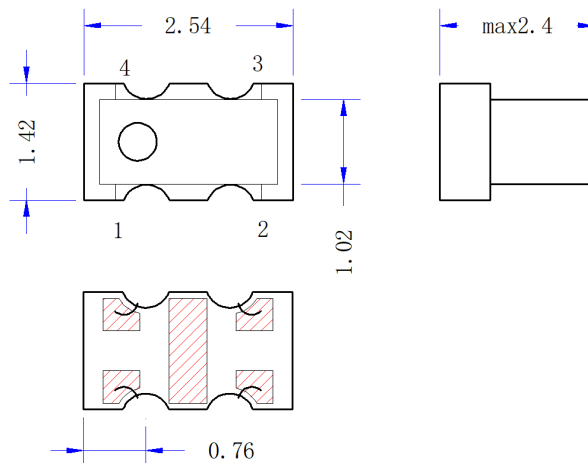
## Suggested PCB Layout



## Reference picture

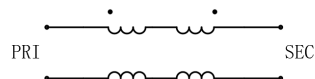


## Configuration(mm)



Tolerance:±0.3mm

## Functional diagram



## Note

|   |                                                                                              |
|---|----------------------------------------------------------------------------------------------|
| 1 | The product supports 260 °C reflow soldering.                                                |
| 2 | Clean the surface of the product, do not soak the product in cleaning solution for cleaning. |