

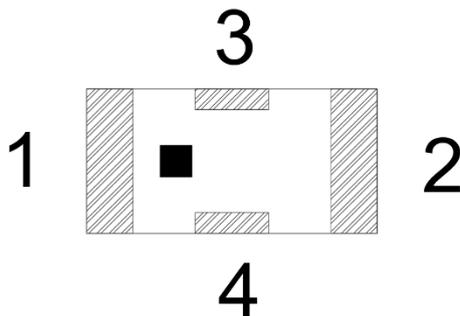
Features

- Multilayer monolithic construction yields high reliability
- Low insertion loss and small size SMD chip design
- Can simplify your complex tuning and circuit design
- LTCC process

Specifications

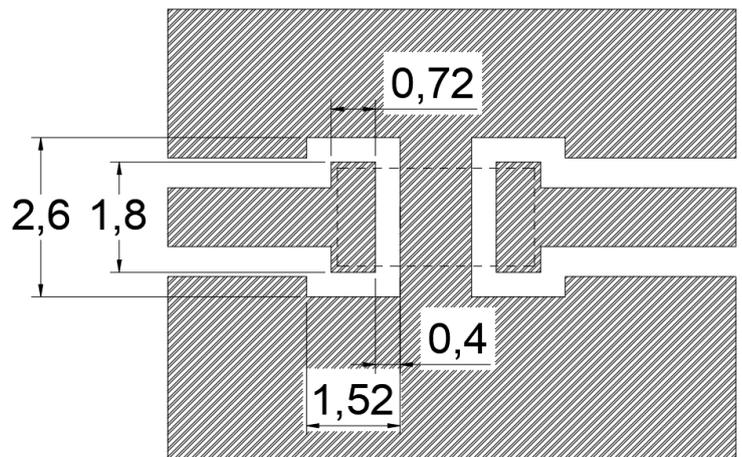
| NO. | Parameter | Frequency (MHz) | SPEC | | |
|-----|----------------------------------|-----------------|------|-----|------|
| | | | Min. | Typ | Max. |
| 1 | Insertion Loss (dB) | 950~3200 | - | 2.0 | - |
| | | 1060-2500 | - | - | 1.3 |
| 2 | VSWR | 970~2400 | - | 1.5 | - |
| 3 | Attenuation (dB) | 500 | 40 | - | - |
| | | 640 | 20 | - | - |
| 4 | In/Output Impedance (Ω) | | 50 | | |

Construction



| PIN | Connection | PIN | Connection |
|-----|------------|-----|-------------|
| 1 | input Port | 2 | output Port |
| 3 | GND | 4 | GND |

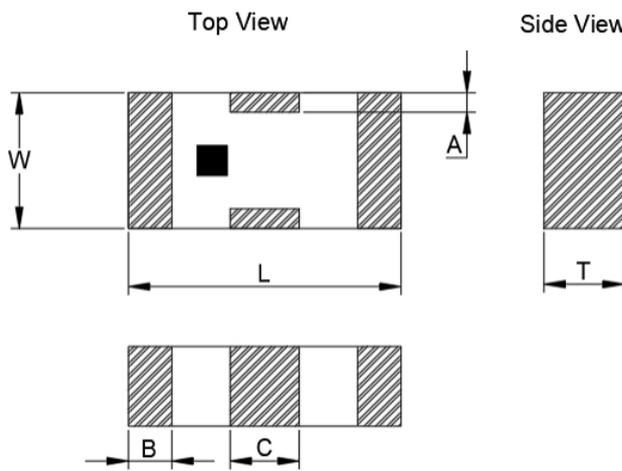
Mounting Considerations



Unit: mm

Line width to be designed to match 50 Ω characteristic impedance, depending on PCB material and thickness

Dimensions

| Figure | Symbol | Dimension (mm) |
|--|--------|----------------|
|  | L | 3.20±0.20 |
| | W | 1.60±0.20 |
| | T | 0.94±0.10 |
| | A | 0.23±0.10 |
| | B | 0.51±0.10 |
| | C | 0.81±0.10 |

Typical Electrical Characteristics (T=25°C)

