

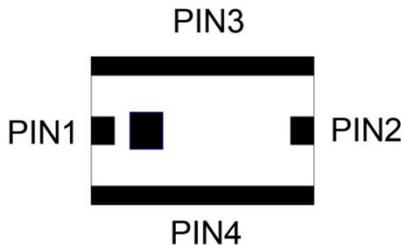
### Features

- 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

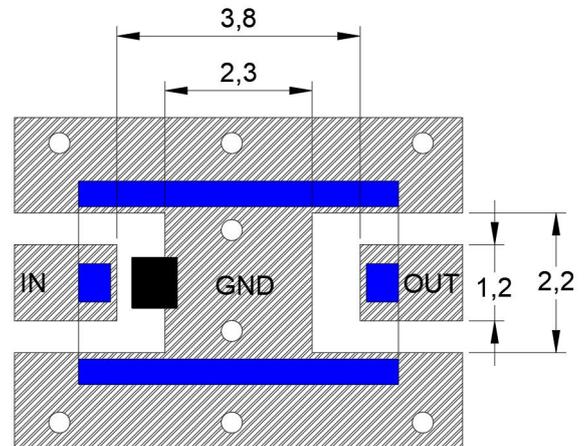
| NO. | Parameter                          | Frequency (MHz) | SPEC |      |
|-----|------------------------------------|-----------------|------|------|
|     |                                    |                 | Min. | Max. |
| 1   | Insertion Loss (dB)                | 600~900         |      | 3.0  |
| 2   | Ripple (dB)                        | 600~900         |      | 0.5  |
| 2   | Attenuation (dB)                   | DC~300          | 50   |      |
|     |                                    | 1200~1800       | 50   |      |
| 3   | VSWR                               | 600~900         |      | 1.3  |
| 4   | Phase linearity                    | 600~900         | ±5°  |      |
| 5   | Multiple amplitude consistency(dB) | 600~900         |      | 0.5  |
| 6   | Phase Consistency                  | 600~900         | ±5°  |      |
| 7   | In/Output Impedance (Ω)            |                 | 50   |      |

### Construction



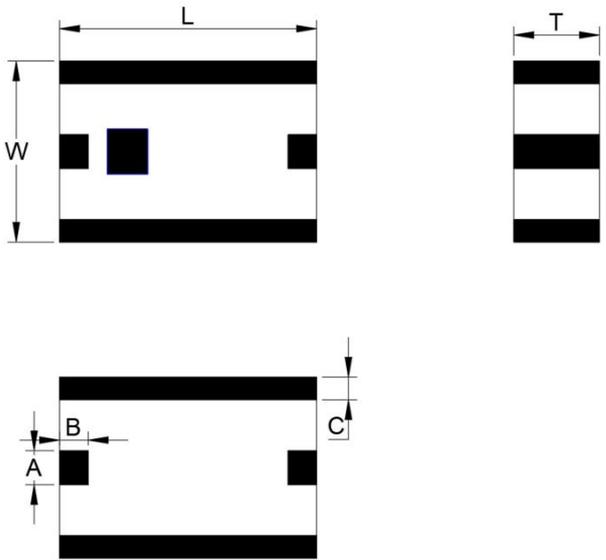
| PIN | Connection  |
|-----|-------------|
| 1   | Input Port  |
| 2   | Output Port |
| 3   | GND         |
| 4   | GND         |

### Mounting Considerations

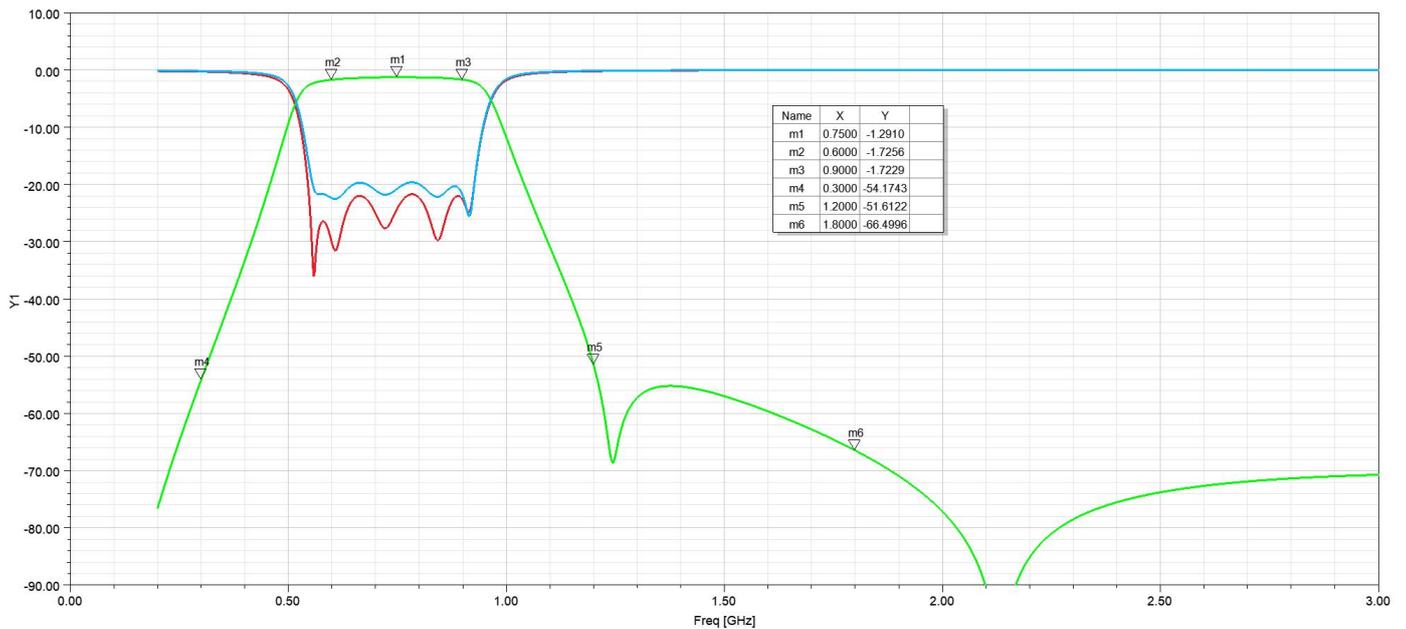


Unit: mm  
Line width to be designed to match 50 Ω characteristic impedance, depending on PCB material and thickness

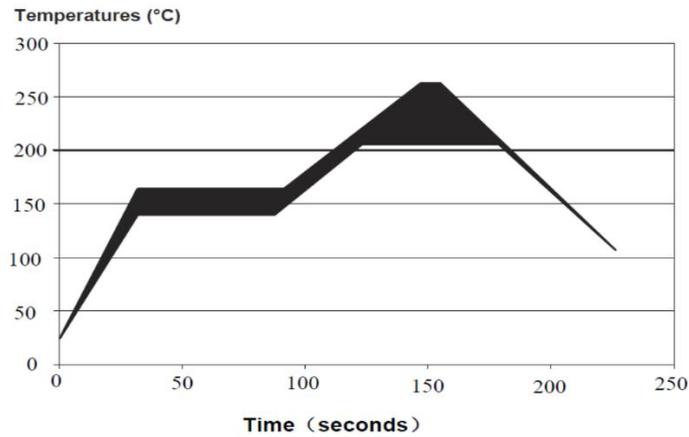
### Dimensions

| Figure   | Symbol | Dimension (mm) |
|--|--------|----------------|
|  | L      | 5.00±0.20      |
|  | W      | 3.20±0.20      |
|  | T      | 1.50±0.20      |
|  | A      | 0.60±0.10      |
|  | B      | 0.40±0.10      |
|  | C      | 0.40±0.10      |

### Typical Electrical Characteristics (T=25°C)



### Solder Reflow Standard Conditioning



### Storage Conditions

Temperature : +5 to +30 °C

Humidity : 20 to 70% RH

Term of storage : Within 12 months (After the delivery) \*

Baking : Unnecessary

\* After peeling off cover tape, do not keep exposing the products to the open air. For the products stored longer than 12 months, confirm their terminals and solderability before use.