

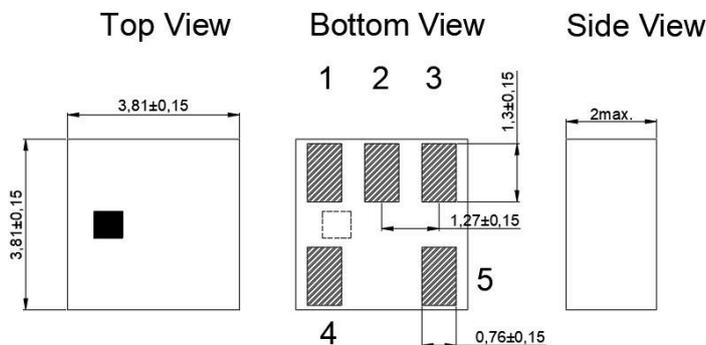
Features

- 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. | Items | Spec | Unit |
|---|--------------------------------|--|------|
| 1 | Frequency range | 50~1450 | MHz |
| 2 | Unbalanced Impedance | 50 | Ohms |
| 3 | Differential Balanced Imp. | 50 | Ohms |
| 4 | Return Loss at Unbalanced Port | 8 min. | dB |
| 5 | Insertion Loss | 1.52 max. | dB |
| 6 | Amplitude Difference | 0.75 max.@50-80MHz 0.5 max.@80-200MHz 0.3 max.@200-1450MHz | dB |
| 7 | Phase Difference | 10 max.@50-60MHz 5 max.@60-1450MHz | deg |
| Operating & Storage Condition (Component) | | | |
| Operation Temperature Range: -40°C ~ +85°C | | | |
| Storage Temperature Range: -40°C ~ +85°C | | | |
| Storage Condition before Soldering (Included packaging material) | | | |
| Storage Temperature Range: +5 ~ +40 °C | | | |
| Humidity: 30 to 70% relative humidity | | | |

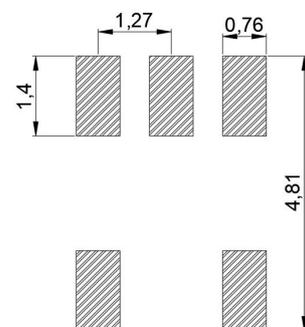
Construction & Dimensions



- 1:Secondary Dot
- 2:NC
- 3:Secondary
- 4:Primary
- 5:GND

Unit:mm

Mounting Considerations



Typical Electrical Characteristics (T=25°C)

