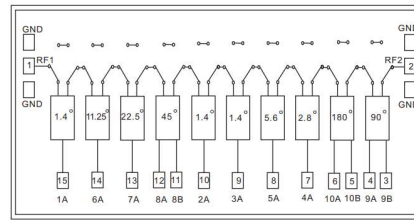


Performance

- Frequency: 1.2~1.6GHz
- Insertion loss: 5dB
- Phase shift accuracy (RMS): 2°
- Amplitude Ripple: ± 0.5 dB
- Chip size: 3.05*3.55*0.1mm

Function Diagram



Electrical Specifications (Ta=+25°C, 0/-5V control, 50Ω system)

| Parameter | Test Frequency | Min | Typical | Max | Unit |
|----------------------------|----------------|-----|-----------|-----------|------|
| Insertion Loss | 1.2~1.6GHz | - | 5 | 5.8 | dB |
| Amplitude Ripple | 1.2~1.6GHz | - | ± 0.5 | ± 1.5 | dB |
| Phase shift accuracy (RMS) | 1.2~1.6GHz | - | 2.0 | 4.0 | deg |
| Return loss (RF1, RF2) | 1.2~1.6GHz | - | 15 | - | dB |
| Input P1dB | 1.2~1.6GHz | - | 20 | - | dBm |
| Input IP3 | 1.2~1.6GHz | - | 34 | - | dBm |
| Switch time | - | - | 10 | - | ns |

Test Curves

