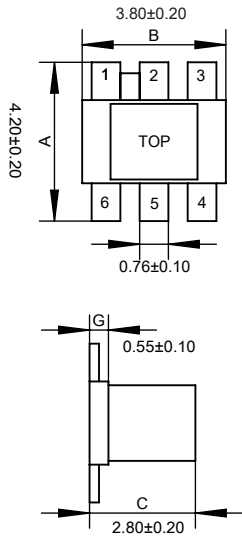
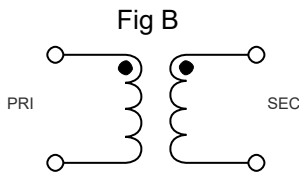


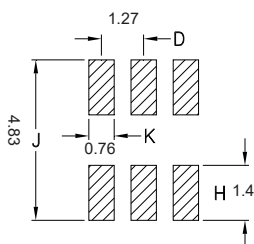
Outline Drawing(mm)



Electrical structure



Recommended layout(mm)



Pin Connections

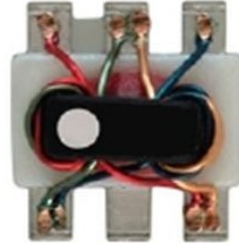
| | |
|----------|------|
| Input | 6 |
| Output 1 | 1 |
| Output 2 | 3 |
| Ground | 4 |
| Not Used | 2, 5 |

Features

- Operating temperature range: -40°C to +85°C
- Storage temperature range: -55°C to +100°C

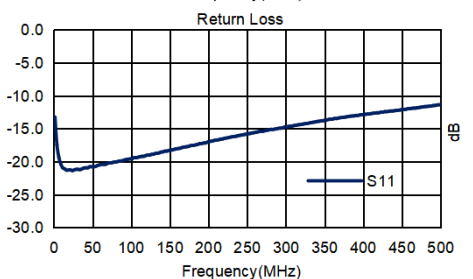
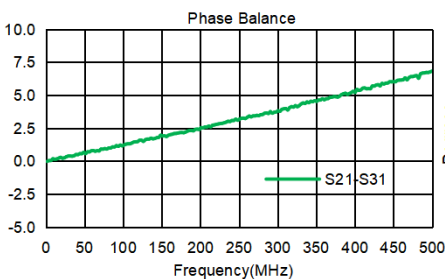
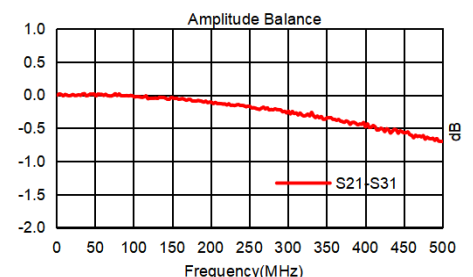
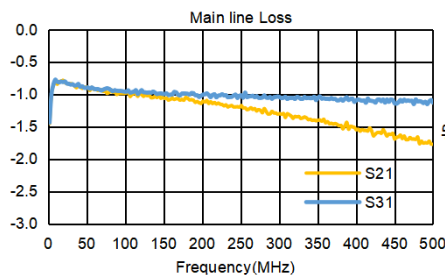
Applications

- Impedance matching
- Balanced amplifier
- Balun
- Cellular and VHF

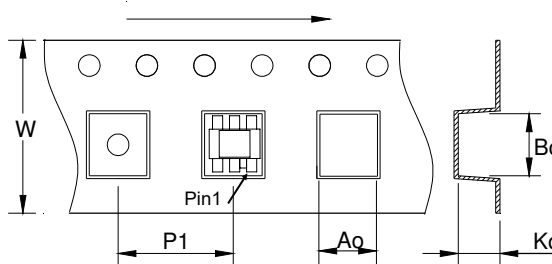


Electrical Specifications: TA=25°C, 0dBm, Z0=50Ω

| Parameter | Test Conditions | Units | Min | Typ | Max |
|-------------------------|-----------------|-------|-----|------|------|
| Main line Loss (Pin6-1) | 1.5-500MHz | dB | — | 1.5 | 2.5 |
| Main line Loss (Pin6-3) | 1.5-500MHz | dB | — | 1.2 | 2.0 |
| Amplitude Balance | 1.5-500MHz | dB | 0.0 | 0.8 | 1.5 |
| Phase Balance | 1.5-500MHz | ° | 0.0 | 5.0 | 15.0 |
| Input Return Loss(Pin6) | 1.5-500MHz | dB | 8.0 | 12.0 | — |



Carrier Tape Orientation



Tape & Reel Information

| Parameter | Units | Value |
|--------------|-------|-------|
| Qty per reel | PCS | 2000 |
| Reel Size | mm | 330 |
| Tape Width | mm | 12.00 |
| Pitch | mm | 12.00 |
| Ao | mm | 4.50 |
| Bo | mm | 4.50 |
| Ko | mm | 3.20 |

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