

Features

- Frequency Range 1600-2000MHz
- 0 Degree Offset between 2 channels
- 50 Ohm Test system impedance
- Industry standard surface mount package:S10
- Low cost

Description

The SPC-2001-25 power splitter/combiner splitter is designed for 50 Ohm applications that require small, low cost, high reliability surface mount components. The construction uses our exclusive TRIPLANAR technology.



Absolute Maximum Ratings

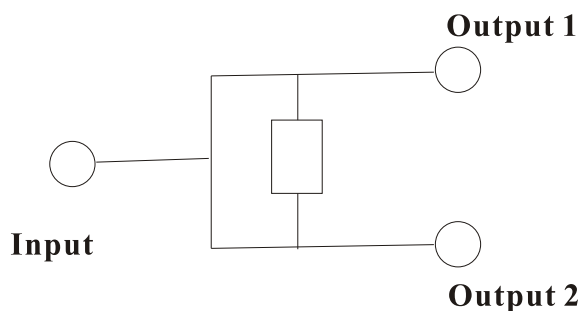
| Parameter | Max |
|---------------------|--------------|
| RF power | +33dBm |
| Operating Temp.(°C) | -55°C~+100°C |
| Storage Temp.(°C) | -55°C~+100°C |
| Reflow Temp (°C) | +240°C |

Specifications

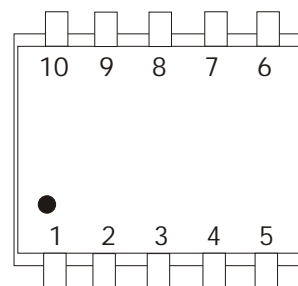
Test Conditions: Temp. +25 C
Frequency Range 1600-2000MHz

| Parameter | Min. | Typ. | Max. | Notes |
|---------------------------------------|------|------|-------|---|
| Insertion Loss (dB) Above 3 dB(dB) | | 0.4 | 0.8 | 1.Specifications and information are subject to change without notice. 2.See Package Page for mechanical dimensions 3. Typical values represent mid-band performance. |
| Amplitude Unbalance (dB) | | | 0.5 | |
| Isolation (dB) | 15 | 18 | | |
| Phase Unbalance (+/- degree) | | | ± 3.0 | |

Schematic



Package



Pin Functions

| Function | Pin |
|----------|---------------|
| INPUT | 3 |
| OUTPUT1 | 10 |
| OUTPUT2 | 6 |
| GND | 1,2,4,5,7,8,9 |