



Leaded Surface Mount Power Splitter/Combiner 2-Way 0° 1600–2000 MHz

RFST-18

Description

The RFST-18 Power Splitter/Combiner uses our BLUE CELL™ technology to produce the smallest passive power splitter series available. For increased reliability, this part has a fully encapsulated construction, and FLEX-RAP leaded surface mount package.

Features

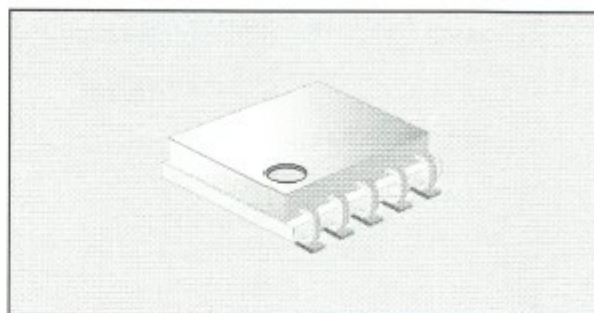
- Low Cost
- FLEX-RAP Stress Relieved Leaded Package
- Tape and Reel Available
- PCMCIA compatible

Specifications, $T_A = 25^\circ\text{C}$

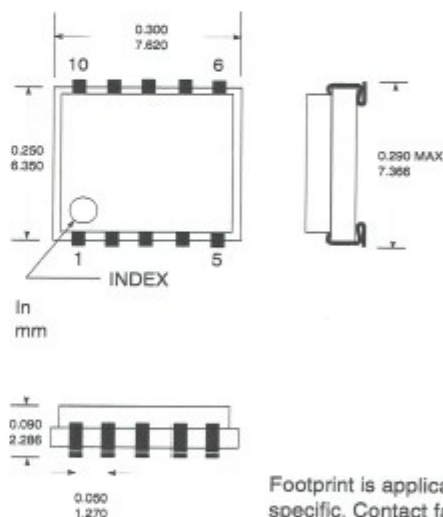
| | | |
|------------------------------|------------------|--------------------------|
| Frequency Range | 1600–2000 MHz | |
| Isolation | Typical 25 dB | Minimum 18 dB |
| Insertion Loss Above 3 dB | 0.4 dB | Maximum 0.8 dB |
| Phase Unbalance | Typical — | Maximum $\pm 3^\circ$ |
| Amplitude Unbalance | 0.4 dB | 0.8 dB |

Absolute Maximum Ratings

| Parameter | Absolute Maximum |
|-------------------------------|------------------|
| RF Power | +33 dBm |
| Operating/Storage Temp. | -55 to +100°C |
| Maximum Temperature (10 sec.) | +260°C |



SM10 Stress Relieved Leaded Package



Pin Connections

| Function | Pin Number |
|----------|---------------------|
| Port 1 | 10 |
| Port 2 | 6 |
| In/Sum | 3 |
| Ground | 1, 2, 4, 5, 7, 8, 9 |

* Patent Pending

Specifications subject to change without notice. (7/95)