



## BLUE CELL POWER SPLITTERS

Preliminary Data

### Leaded Surface Mount Power Splitter/Combiner 2-Way 90° 1500–2200 MHz

RFQT-18

#### Description

The RFQT-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

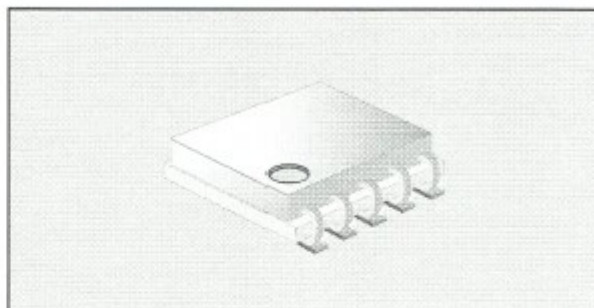
- Low Cost
- FLEX-RAP Stress Relieved Leaded Package
- Tape and Reel Available
- PCMCIA compatible

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

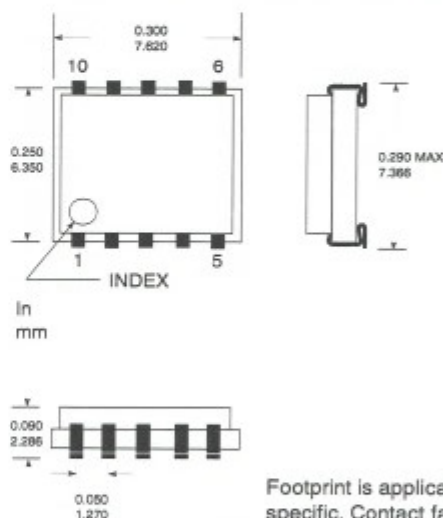
Frequency Range	1500–2200 MHz	
Isolation	Typical 25 dB	Minimum 18 dB
Insertion Loss Above 3 dB	0.6 dB	Maximum 1.0 dB
Phase Unbalance	Typical $\pm 0.5^\circ$	Maximum $\pm 2^\circ$
Amplitude Unbalance	0.5 dB	1.0 dB

#### 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



Footprint is application specific. Contact factory.

#### Pin Connections

Function	Pin Number
IN	1
0°	10
90°	6
Isolation	5
Ground	2, 3, 4, 7, 8, 9

\* Patent Pending

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