

# .004 to 100 MHz, 1 : 1

# RFLTC-1-RM6

The RFLTC-1 is a 1:1 balanced to balanced impedance matching transformer. These devices are designed for applications requiring small, low cost, high performance, high reliability surface mount components.

## Specifications

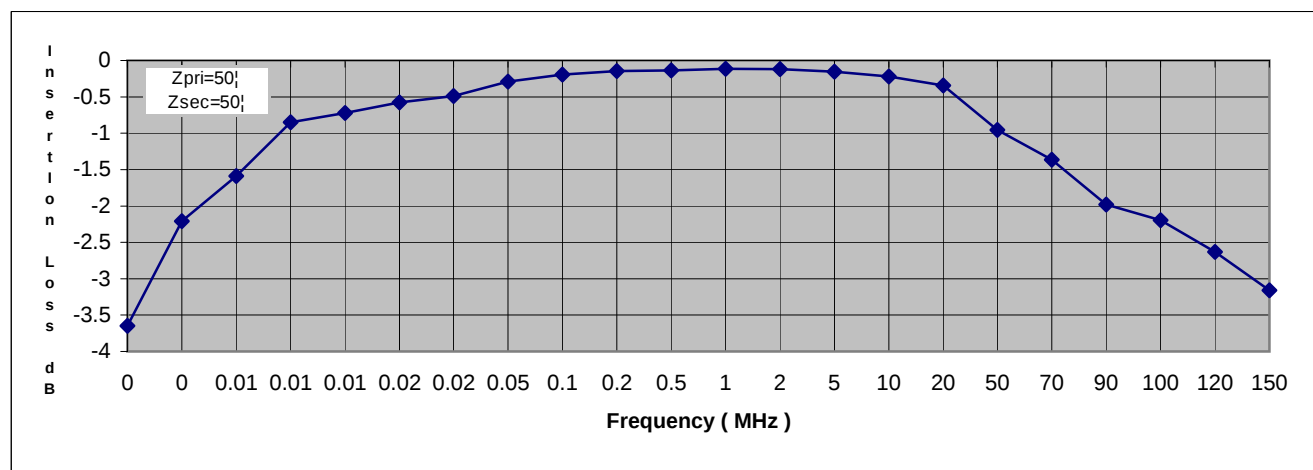
Zpri=50 Ohms Input = 0dBm TA = +25°C

## Absolute Maximum Ratings

| Parameter       | unit | Min  | Typ. | Max |
|-----------------|------|------|------|-----|
| Frequency Range | MHz  | .004 | -    | 100 |
| <1 dB Bandwidth | MHz  | .015 | -    | 40  |
| <2 dB Bandwidth | MHz  | .008 | -    | 80  |
| <3 dB Bandwidth | MHz  | .004 | -    | 100 |

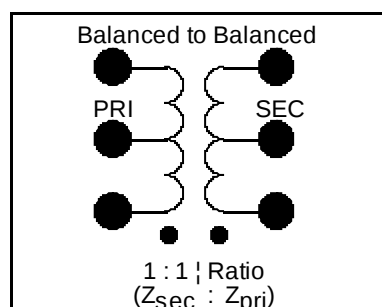
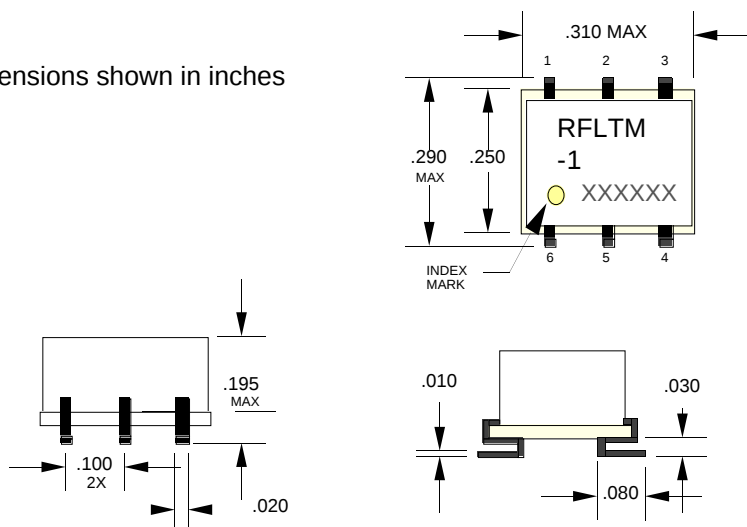
| Parameter              | Maximum     |
|------------------------|-------------|
| RF Power               | 33 dBm      |
| Operating(°C)          | -55 to +100 |
| Storage Temp.(°C)      | -55 to +100 |
| Max Reflow Temp. (10s) | 240 °C      |

## Typical Performance



1. Specifications guaranteed in a 50 ohm test system.
2. All specifications subject to change.

Dimensions shown in inches



| PIN | FUNCTION      |
|-----|---------------|
| 1   | SECONDARY     |
| 2   | SECONDARY CT  |
| 3   | SECONDARY DOT |
| 4   | PRIMARY DOT   |
| 5   | PRIMARY CT    |
| 6   | PRIMARY       |