

# E-Series RF 2:1 Transformer

## 50 - 1000 MHz

**ETC2-1T-2**

V3.00

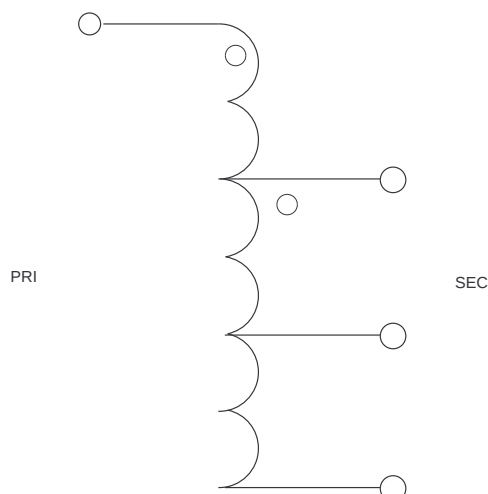
### Features

- 2:1 Impedance Ratio
- CT on Secondary

### Specifications @ 25°C

|                     |               |
|---------------------|---------------|
| Frequency Range     | 50 - 1000 MHz |
| Insertion Loss      | Maximum       |
| 50 - 1000 MHz       | 2 dB          |
| Amplitude Imbalance | Maximum       |
| 50 - 1000 MHz       | 1.5 dB        |
| Phase Imbalance     | Maximum       |
| 50 - 1000 MHz       | 55°           |
| 50 - 500 MHz        | 30°           |

### Schematic



### Ordering Information

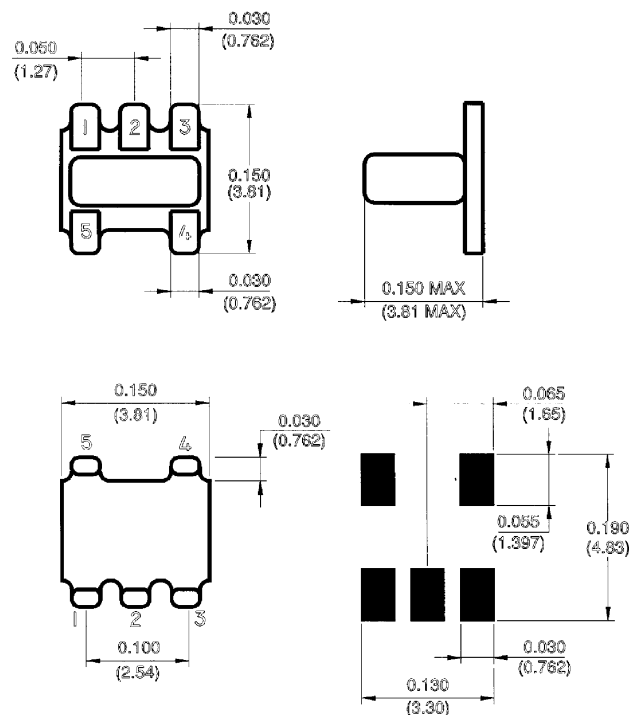
**Part No.**  
ETC2-1T-2  
ETC2-1T-2TR

**Packaging**  
Tubes  
Tape & Reel

### Absolute Maximum Ratings

| Parameter               | Absolute Maximum |
|-------------------------|------------------|
| RF Power                | 250 mW           |
| DC Current              | 30 mA            |
| Operating/Storage Temp. | -20°C to +85°C   |

### SM-22



Dimensions in ( ) are in mm.  
Unless Otherwise Noted: .x = ±0.04 (1.00)  
.xx = ±0.02 (0.50)  
.xxx = ±0.010 (0.250)

### Pin Configuration

| Function      | Pin No. |
|---------------|---------|
| Primary dot   | 4       |
| Primary       | 2       |
| Secondary dot | 3       |
| Secondary     | 1       |
| Secondary CT  | 2       |
| Not Connected | 5       |

S1024 B