

# E-Series RF 5:1 Transformer

## 0.3 - 300 MHz

**ET5-1T**

V3.00

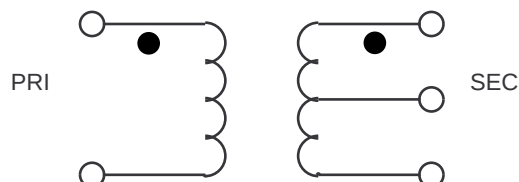
### Features

- 5:1 Impedance Ratio
- CT on Secondary

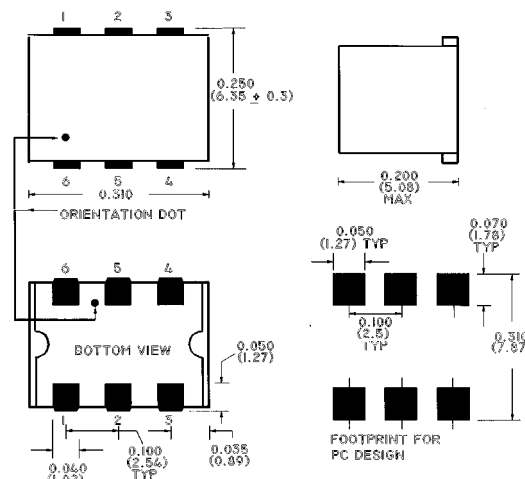
### Specifications @ 25°C

|                 |               |
|-----------------|---------------|
| Frequency Range | 0.3 - 300 MHz |
| Insertion Loss  | Maximum       |
| 0.3 - 300 MHz   | 3 dB          |
| 0.6 - 200 MHz   | 2 dB          |
| 10 - 80 MHz     | 1 dB          |

### Schematic



### SM-1



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

### Ordering Information

| Part No.       | Packaging            |
|----------------|----------------------|
| ET5-1T-SM-1    | SM-1 in Tubes        |
| ET5-1T-SM-1TR  | SM-1 in Tape & Reel  |
| T5-1T-SM-5     | SM-5 in Tubes        |
| ET5-1T-SM-20   | SM-20 in Tubes       |
| ET5-1T-SM-20TR | SM-20 in Tape & Reel |
| ET5-1T-SM-21   | SM-21 in Tubes       |

### Absolute Maximum Ratings

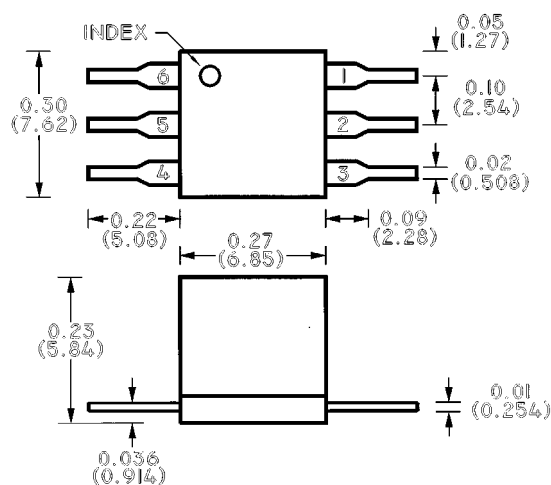
| Parameter               | Absolute Maximum |
|-------------------------|------------------|
| RF Power                | 250 mW           |
| DC Current              | 30 mA            |
| Operating/Storage Temp. | -20°C to +85°C   |

### Pin Configuration

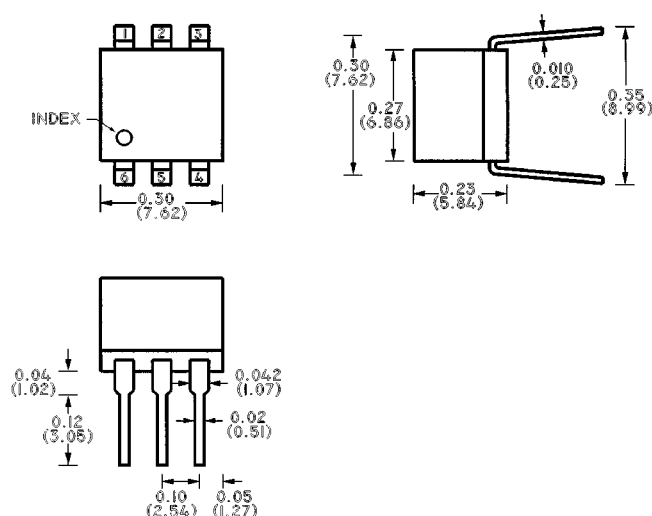
| Function      | Pin No. |
|---------------|---------|
| Primary dot   | 4       |
| Primary       | 6       |
| Secondary dot | 3       |
| Secondary     | 1       |
| Secondary CT  | 2       |
| Not Connected | 5       |

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## SM-5

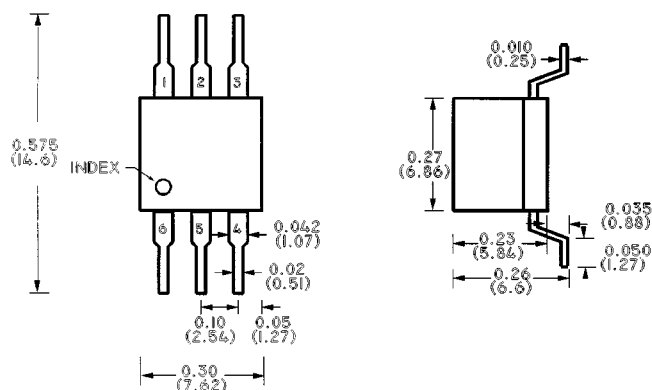


## SM-21



Dimensions in ( ) are in mm.  
 Unless Otherwise Noted: .x =  $\pm 0.04$  (1.00)  
 .xx =  $\pm 0.02$  (.x =  $\pm 0.5$ )  
 .xxx =  $\pm 0.010$  (.xx =  $\pm 0.25$ )  
 NOTE: Pin numbers do not appear on the unit.  
 For reference only. Index mark indicates Pin 6.

## SM-20



Dimensions in ( ) are in mm.  
 Unless Otherwise Noted: .x =  $\pm 0.04$  (1.00)  
 .xx =  $\pm 0.02$  (.x =  $\pm 0.5$ )  
 .xxx =  $\pm 0.010$  (.xx =  $\pm 0.25$ )  
 NOTE: Pin numbers do not appear on the unit.  
 For reference only. Index mark indicates Pin 6.