

# E-Series RF 1:1 Transformer

## 5 - 1000 MHz

**ETC1-1T-75-1**

V2.00

### Features

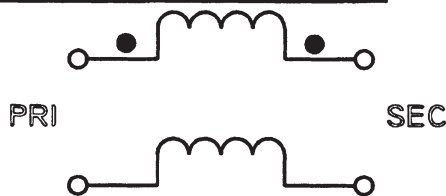
- \* 1:1 Impedance Ratio

### Specifications @ 25°C

Frequency Range	5 - 1000 MHz
Insertion Loss	Maximum

5 - 1000 MHz	1.0
Amplitude Imbalance	Maximum
5 - 1000 MHz	1.5 dB
Phase Imbalance	Maximum
5 - 1000 MHz	20°

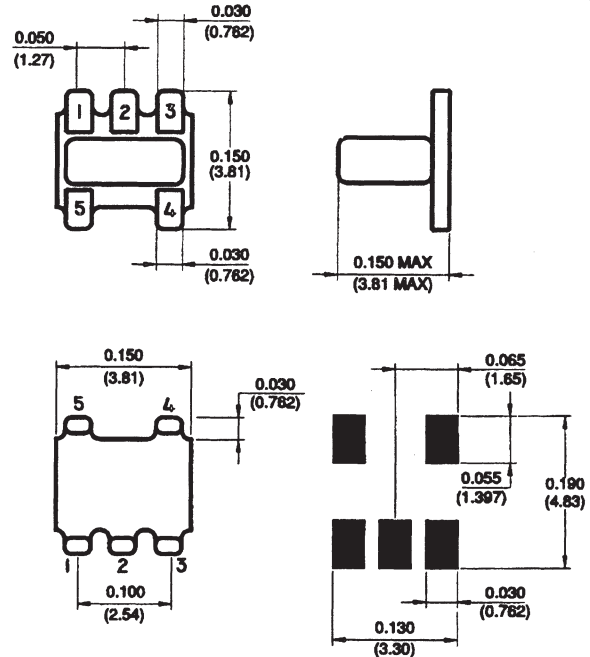
### Schematic



### Absolute Maximum Ratings

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

### SM-22



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

### Additional Specifications:

Return Loss : 17 dB typical; 14 dB minimum. Temperature range : -40C to +100C : Insertion Loss < 1.3dB 5-1000MHz, Amplitude Balance < 1.6dB, 5-1000MHz, Phase Balance < 30Deg, 5-1000MHz

Specifications Subject to Change Without Notice.