

E-Series RF 4:1 Transformer

0.2 - 350 MHz

ET4-1

V3.00

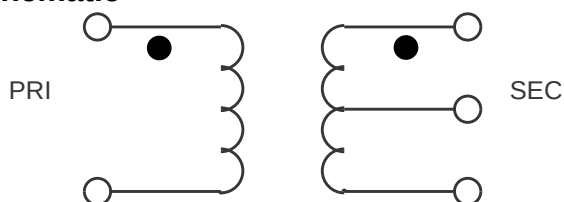
Features

- 4:1 Impedance Ratio
- CT on Secondary

Specifications @ 25°C

Frequency Range	0.2 - 350 MHz
Insertion Loss	Maximum
0.2 - 350 MHz	3 dB
0.35 - 300 MHz	2 dB
2.0 - 100 MHz	1 dB
Amplitude Imbalance	Maximum
2 - 100 MHz	0.1 dB
0.2 - 350 MHz	1.0 dB
Phase Imbalance	Maximum
2 - 100 MHz	1°
0.2 - 350 MHz	5°

Schematic



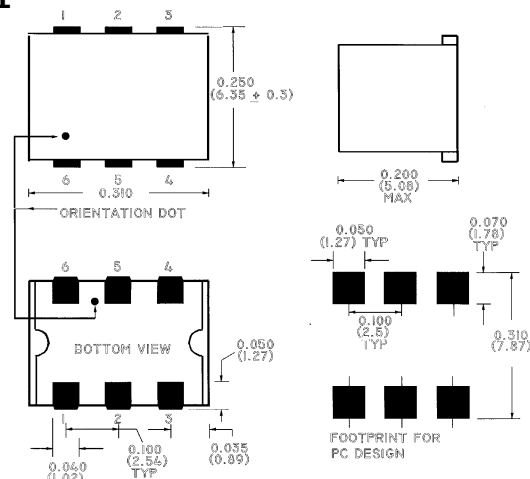
Ordering Information

Part No.	Packaging
ET4-1-SM-1	SM-1 in Tubes
ET4-1-SM-1TR	SM-1 in Tape & Reel
ET4-1-SM-5	SM-5 in Tubes
ET4-1-SM-20	SM-20 in Tubes
ET4-1-SM-20TR	SM-20 in Tape & Reel
ET4-1-SM-21	SM-21 in Tubes

Absolute Maximum Ratings

Parameter	Absolute Maximum
RF Power	250 mW
DC Current	30 mA
Operating/Storage Temp.	-40°C to +85°C

SM-1



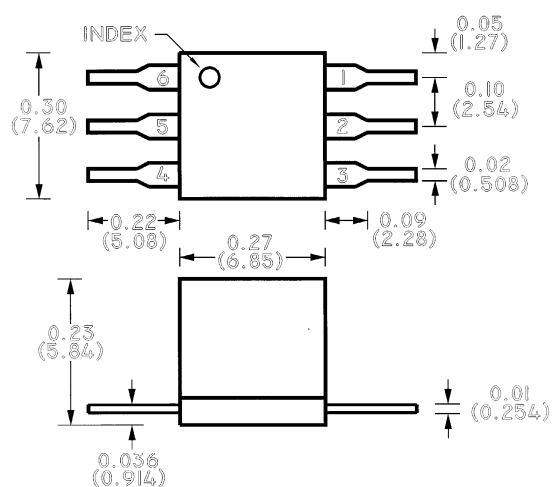
Dimensions in () are in mm.
Unless Otherwise Noted: .x = ±0.04 (1.00)
.xx = ±0.02 (0.50)
.xxx = ±0.010 (0.250)

Pin Configuration

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

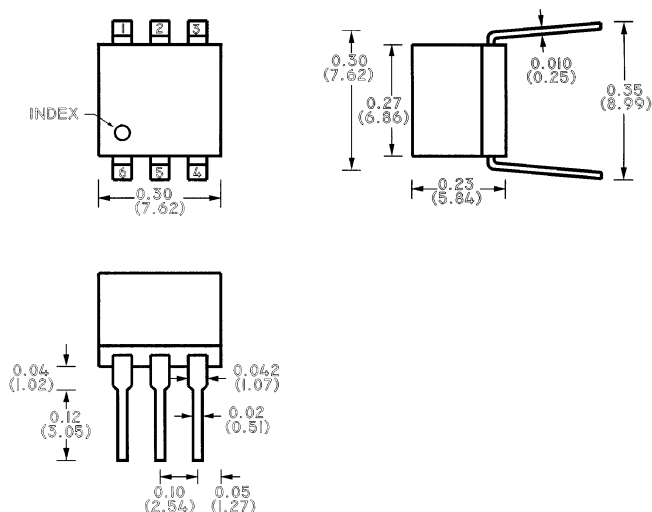
S 0193 C

SM-5



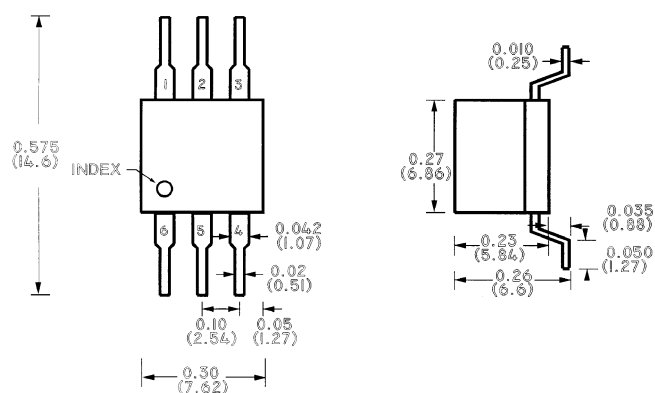
Dimensions in () are in mm.
 Unless Otherwise Noted: .x = ±0.04 (1.00)
 .xx = ±0.02 (0.50)
 .xxx = ±0.010 (0.250)

SM-21



Dimensions in () are in mm.
 Unless Otherwise Noted: .x = ±0.04 (1.00)
 .xx = ±0.02 (0.50)
 .xxx = ±0.010 (0.250)
 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 = ±0.04 (1.00)
 .xx = ±0.02 (0.50)
 .xxx = ±0.010 (0.250)
 Note: Pin numbers do not appear on the unit.
 For reference only. Index mark indicates pin 6.

Specifications Subject to Change Without Notice.