

E-Series RF 16:1 Transformer

0.3 - 120 MHz

ET16-1

V3.00

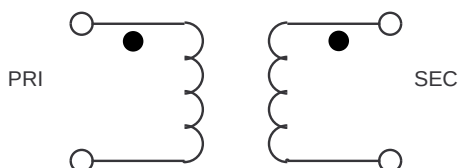
Features

- 16:1 Impedance Ratio

Specifications @ 25°C

Frequency Range	0.3 - 120 MHz
Insertion Loss	Maximum
0.3 - 120 MHz	6 dB
0.3 - 70 MHz	3 dB
0.7 - 40 MHz	2 dB
5 - 20 MHz	1

Schematic



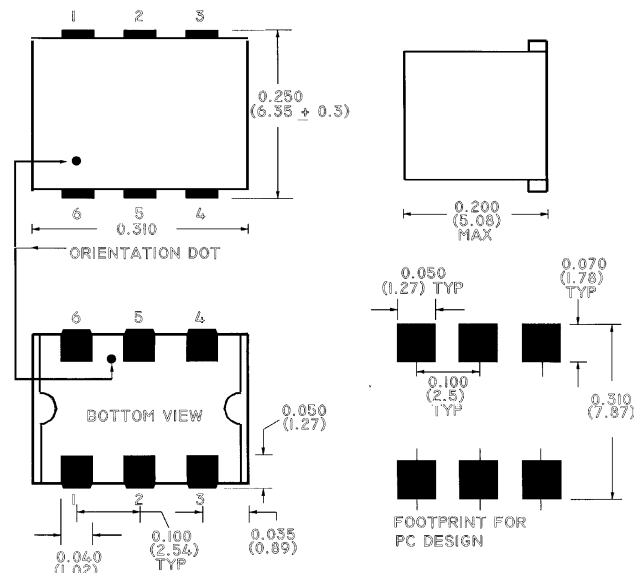
Ordering Information

Part No.	Packaging
ET16-1-SM-1	SM-1 in Tubes
ET16-1-SM-1TR	SM-1 in Tape & Reel
ET16-1-SM-5	SM-5 in Tubes
ET16-1-SM-20	SM-20 in Tubes
ET16-1-SM-20TR	SM-20 in Tape & Reel
ET16-1-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

SM-1



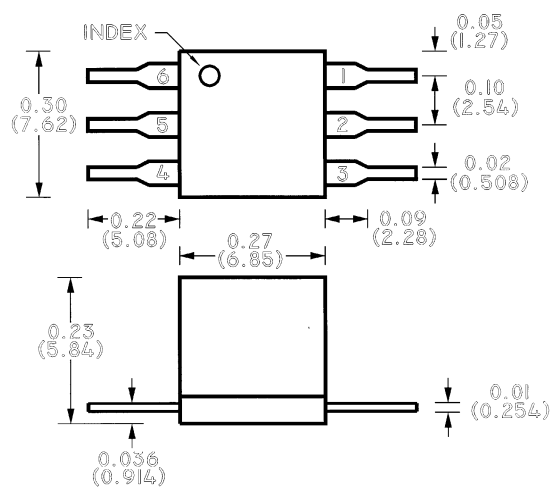
Dimensions in () are in mm.
Unless Otherwise Noted: .x = ±0.04 (1.00)
.xx = ±0.02 (0.50)
.xxx = ±0.010 (0.250)

Pin Configuration (Typical)

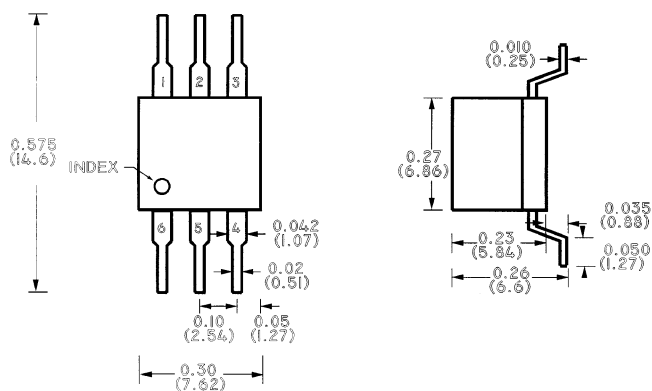
Function	Pin No.
Primary dot	4
Primary	6
Secondary dot	3
Secondary	1
Not Connected	2,5

S 0876 A

SM-5



SM-20



Dimensions in () are in mm.

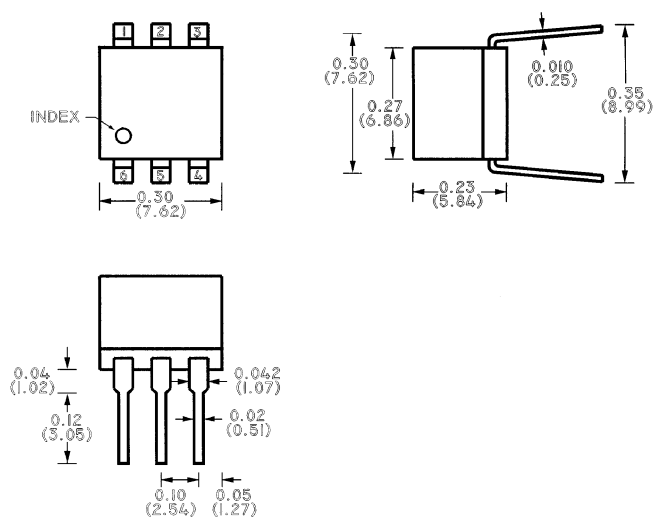
Unless Otherwise Noted: .x = ±0.04 (1.00)

.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.

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.

Specifications Subject to Change Without Notice.