

E-Series RF 9:1 Transformer

0.2 - 180 MHz

ET9-1

V3.00

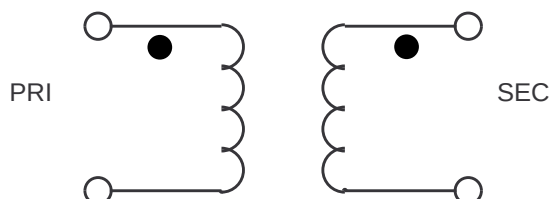
Features

- 9:1 Impedance Ratio

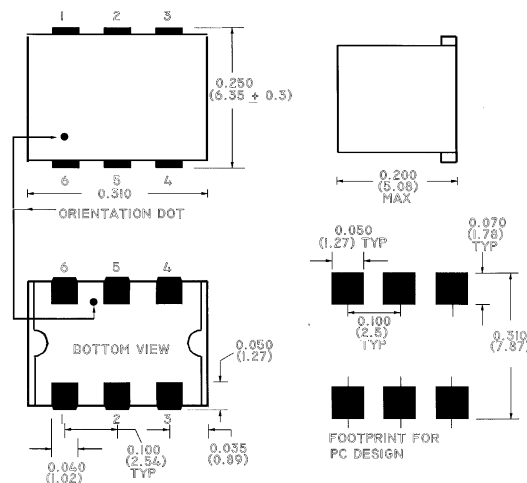
Specifications @ 25°C

Frequency Range	0.2 - 180 MHz
Insertion Loss	Maximum
0.2 - 180 MHz	3 dB
0.4 - 120 MHz	2 dB
4.0 - 40 MHz	1 dB

Schematic



SM-1



Ordering Information

Part No.	Packaging
ET9-1-SM-1	SM-1 in Tubes
ET9-1-SM-1TR	SM-1 in Tape & Reel
ET9-1-SM-5	SM-5 in Tubes
ET9-1-SM-20	SM-20 in Tubes
ET9-1-SM-20TR	SM-20 in Tape & Reel
ET9-1-SM-21	SM-21 in Tubes

Absolute Maximum Ratings

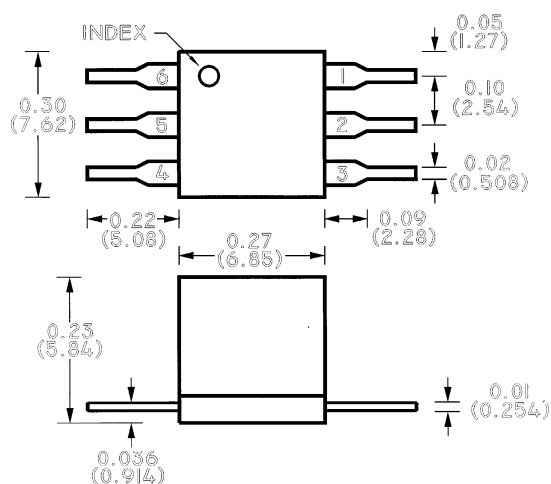
Parameter	Absolute Maximum
RF Power	250 mW
DC Current	30 mA
Operating/Storage Temp.	-20°C to +85°C

Pin Configuration

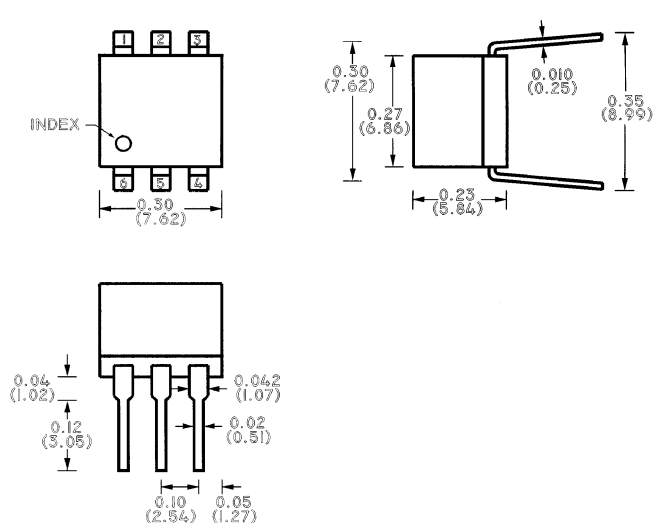
Function	Pin No.
Primary dot	4
Primary	6
Secondary dot	3
Secondary	1
Not Connected	2,5

S 0420 D

SM-5



SM-21



Dimensions in () are in mm.

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

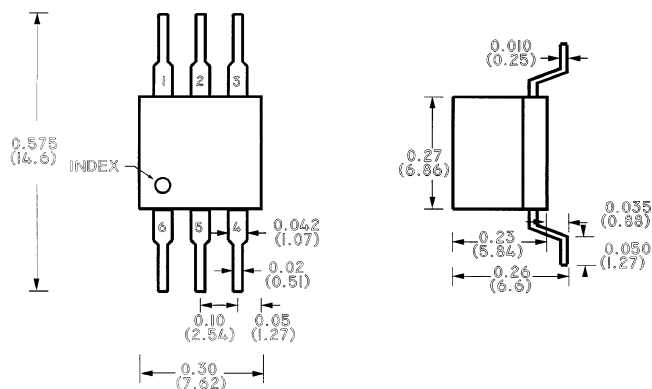
.xx = ± 0.02 (0.50)

.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.