

E-Series RF 8:1 Transformer

0.09 - 140 MHz

ET8-1T

V3.00

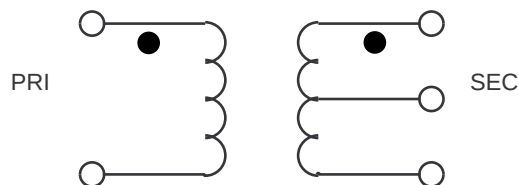
Features

- 8:1 Impedance Ratio
- CT on Secondary

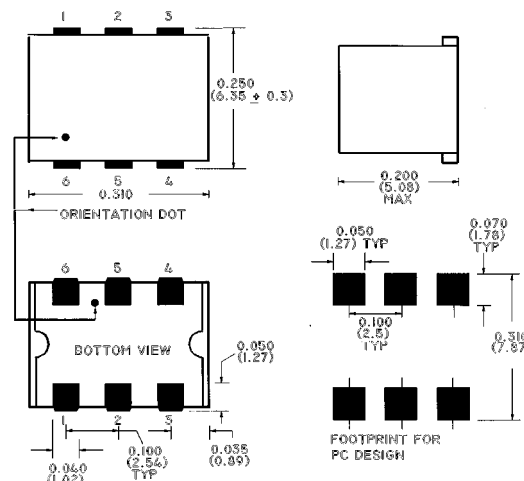
Specifications @ 25°C

Frequency Range	0.09 - 140 MHz
Insertion Loss	Maximum
0.09 - 140 MHz	3 dB
0.15 - 140 MHz	2 dB
0.3 - 60 MHz	1 dB
Amplitude Imbalance	Maximum
0.09 - 40 MHz	0.2 dB
0.09 - 140 MHz	1 dB
Phase Imbalance	Maximum
0.09 - 20 MHz	2°
0.09 - 140 MHz	10°

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
ET8-1T-SM-1	SM-1 in Tubes
ET8-1T-SM-1TR	SM-1 in Tape & Reel
ET8-1T-SM-5	SM-5 in Tubes
ET8-1T-SM-20	SM-20 in Tubes
ET8-1T-SM-20TR	SM-20 in Tape & Reel
ET8-1T-SM-21	SM-21 in Tubes

Absolute Maximum Ratings

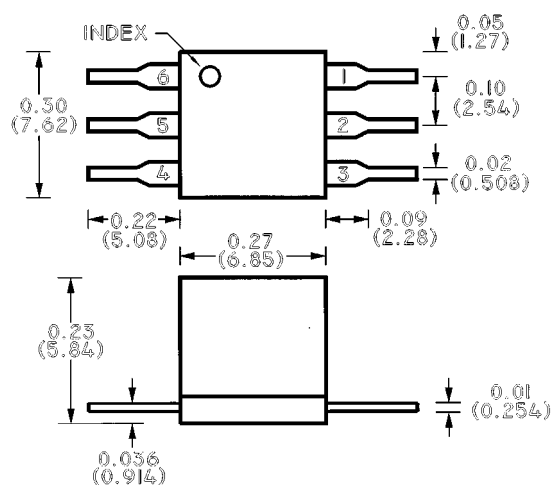
Parameter	Absolute Maximum
RF Power	250 mW
DC Current	30 mA
Operating/Storage Temp.	-20°C to +85°C

Pin Configuration

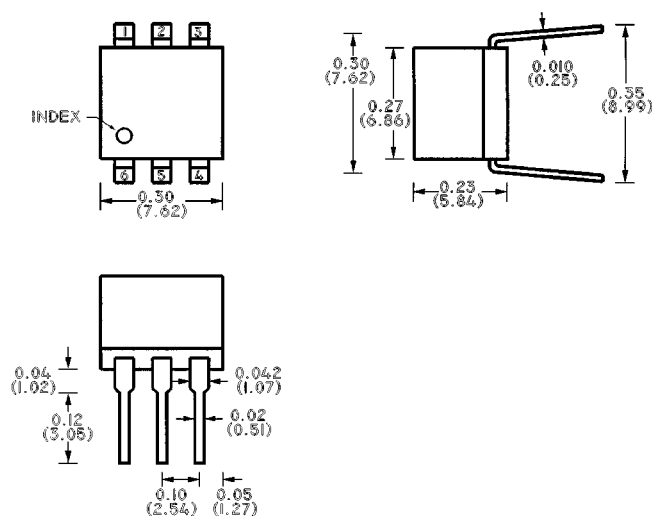
Function	Pin No.
Primary dot	4
Primary	6
Secondary dot	3
Secondary	1
Secondary CT	2
Not Connected	5

S 0198 D

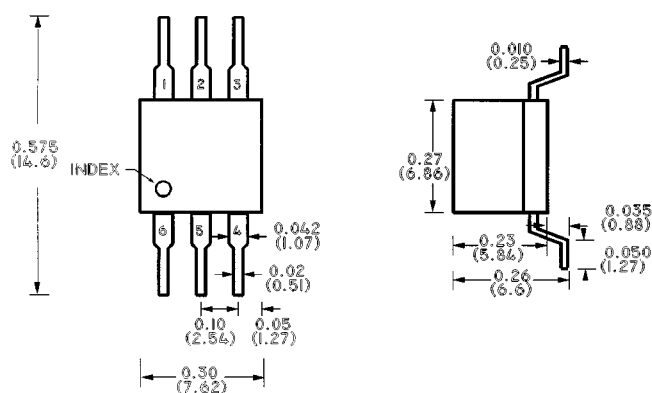
SM-5



SM-21



SM-20



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

Dimensions in () are in mm.
 Unless Otherwise Noted: .x = ± 0.04 (1.00)
 .xx = ± 0.02 (.x = ± 0.5)
 .xxx = ± 0.010 (.xx = ± 0.25)
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