

E-Series RF 1:1 Transformer

1710 - 1880 MHz

ETC1-1-2

V3.00

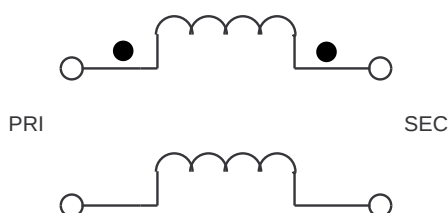
Features

- 1:1 Impedance Ratio

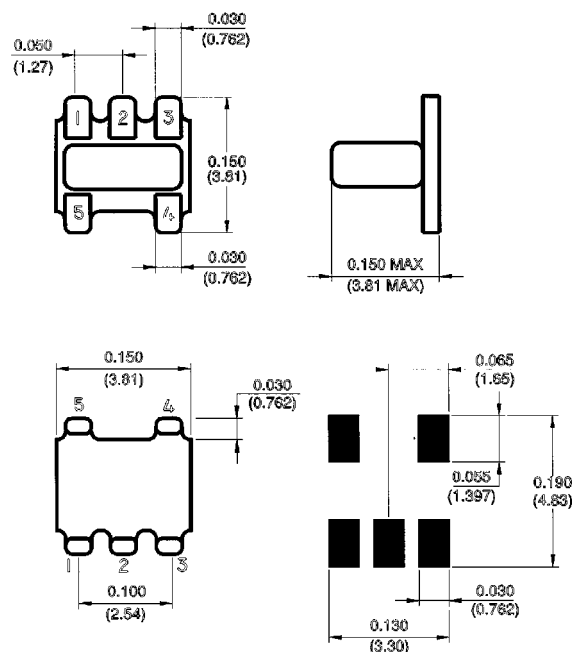
Specifications @ 25°C

Frequency Range	1710 - 1880 MHz
Insertion Loss	Maximum
1710 - 1880 MHz	2 dB
Amplitude Imbalance	Maximum
1710 - 1880 MHz	2 dB
Phase Imbalance	Maximum
1710 - 1880 MHz	5°

Schematic



SM-22



Ordering Information

Part No.	Packaging
ETC1-1-2	Tubes
ETC1-1-2TR	Tape & Reel

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

Absolute Maximum Ratings

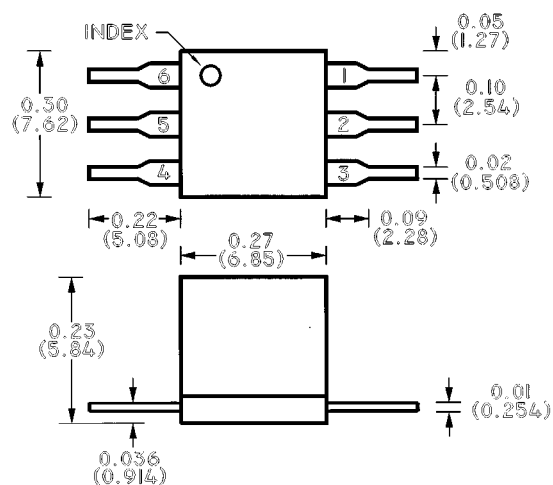
Parameter	Absolute Maximum
RF Power	250 mW
DC Current	30 mA
Operating/Storage Temp.	-20°C to +85°C

Pin Configuration

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

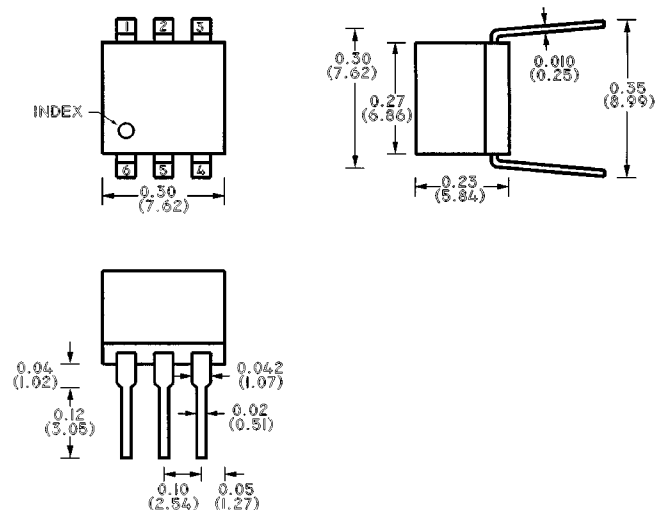
S 0728 C

SM-5



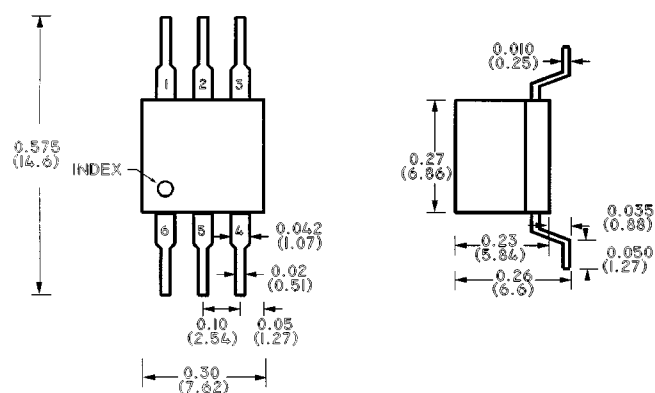
Dimensions in () are in mm.
 Unless Otherwise Noted: .x = ± 0.04 (1.00)
 .xx = ± 0.02 (0.50)
 .xxx = ± 0.010 (0.250)

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.