

E-Series RF 1:1 Transformer

0.07 - 200 MHz

ETMO1-1T

V3.00

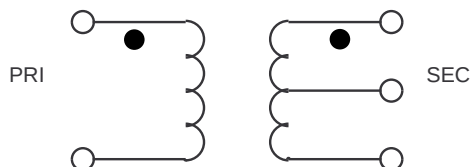
Features

- 1:1 Impedance Ratio
- CT on Secondary

Specifications @ 25°C

Frequency Range	0.07 - 200 MHz
Insertion Loss	Maximum
0.07 - 200 MHz	3 dB
0.1 - 150 MHz	2 dB
0.2 - 80 MHz	1 dB
Amplitude Imbalance	Maximum
0.07 - 80 MHz	0.2 dB
0.07 - 200 MHz	1.0 dB
Phase Imbalance	Maximum
0.07 - 80 MHz	2°
0.07 - 200 MHz	5°
Output Impedance	100 Ohms ±5%

Schematic



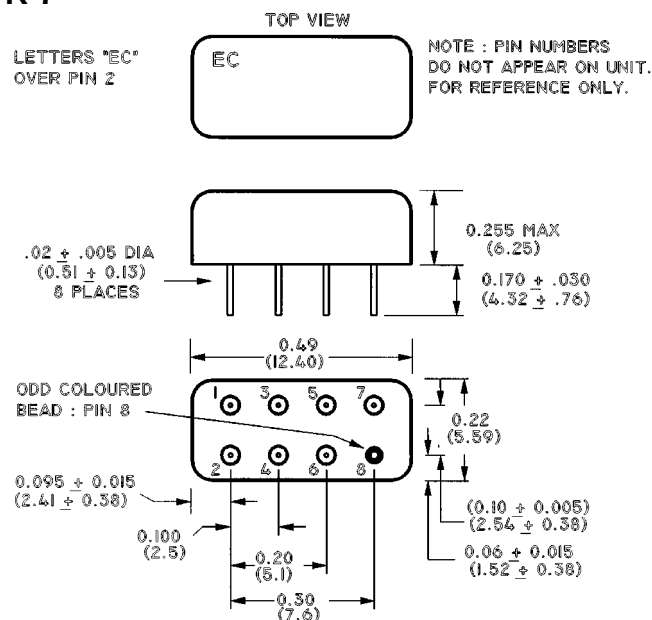
Ordering Information

Part No.	Packaging
ETMO1-1T	Tubes

Absolute Maximum Ratings

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

R-7



Dimensions in () are in mm.
 Unless Otherwise Noted: .x = ±0.04 (1.00)
 .xx = ±0.02 (0.50)
 .xxx = ±0.010 (0.250)
 WEIGHT (APPROX.): 0.06 OUNCES 1.6 GRAMS

Pin Configuration

Function	Pin No.
Primary dot	1
Primary	5
Secondary dot	2
Secondary	6
Secondary CT	4
Case Ground	7
Not Connected	3,8

* Pins must be connected together externally.

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