E-Series RF 1:1 Transformer
5 - 1000 MHz

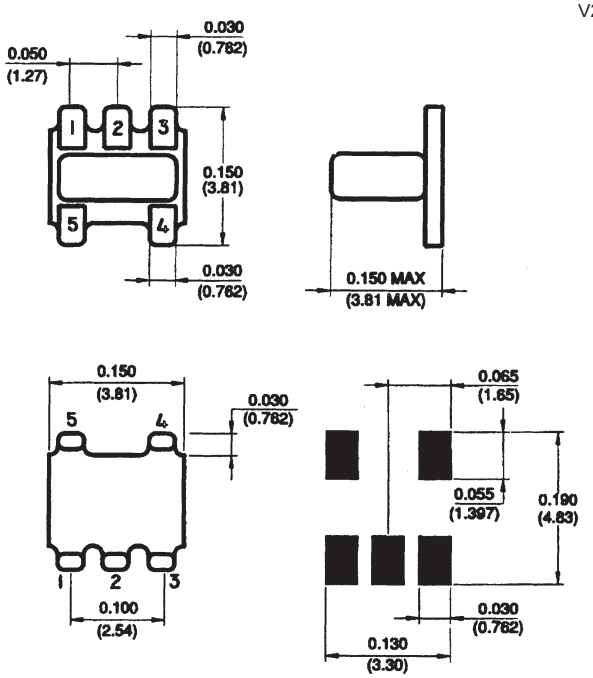
ETC1-1T-75-1

V2.00

Features

* 1:1 Impedance Ratio

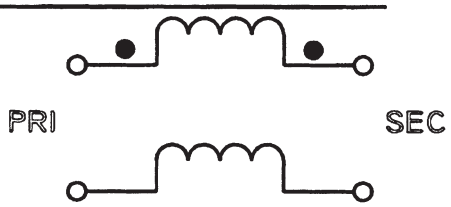
SM-22



Specifications @ 25°C

Frequency Range	**5 - 1000 MHz**
Insertion Loss	**Maximum**
5 -1000 MHz	**1.0**
Amplitude Imbalance	**Maximum**
5 - 1000 MHz	**1.5 dB**
Phase Imbalance	**Maximum**
5 - 1000 MHz	**20°**

Schematic



Absolute Maximum Ratings

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

Function	Pin No.
Primary dot	5
Primary	4
Primary CT	-
Secondary dot	1
Secondary	3
Secondary CT	-
Case Ground	-
Not Connected	2

Additional Specifications:

Return Loss : 17 dB typical; 14 dB minimum.Temperature range : -40C to +100C : Insertion Loss<1.3dB 5-1000MHz, Amplitude Balance<1.6dB,5-1000MHz, Phase Balance<30Deg, 5-1000MHz

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