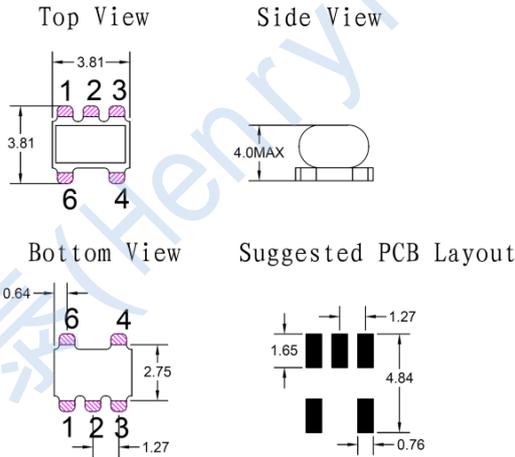




5-3000Mhz 50Ω 1:1 Ratio Transformer

HT-TC1-33-50+

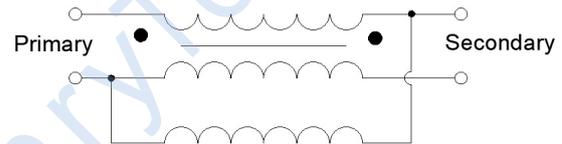
Mechanical Dimensions:



Ports Configuration:

PRIMARY DOT	6
PRIMARY	4
SECONDARY DOT	1
SECONDARY	3
NOT USED	2

Schematic:



Notes:

- 1: Dimensions in mm.
- 2: Tolerance ± 0.3 mm unless otherwise noted.

Maximum Ratings:

Parameters	Conditions	Unit	Min	Max
RF Power		Watt		0.25
DC Current		mA		30
Operating Temperature Range		Degree Cel	-20	85
Storage Temperature Range		Degree Cel	-55	100
Moisture Sensitivity Level				1

Ordering Information:

Part Description	Details
HT-TC1-33-50+	2000 per reel



5-3000Mhz 50Ω 1:1 Ratio Transformer

HT-TC1-33-50+

Electrical Specifications: Ta=25°C Zo=50 Ohm Pin = 0 dBm

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	5	~	3000
Impedance Ratio	-	-	-	1:1	-
Insertion Loss	5-1200Mhz	dB	-	1	-
Insertion Loss	1200-2000Mhz	dB	-	2	-
Insertion Loss	2000-3000Mhz	dB	-	3	-
Phase unbalance	5-1200Mhz	°	-	3	-
Phase unbalance	1200-2000Mhz	°	-	4	-
Amplitude unbalance	5-1200Mhz	dB	-	0.3	-
Amplitude unbalance	1200-2000Mhz	dB	-	1	-

Notes:

1: Specifications guaranteed over the operating temperature range.

Typical Performance Curves:

