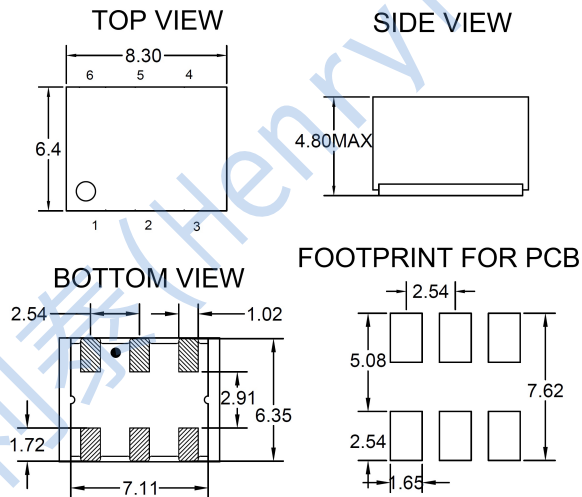




0.4-800Mhz 75Ω 1:1 Ratio Transformer

HT-ADT1-1WT+

Mechanical Dimensions:



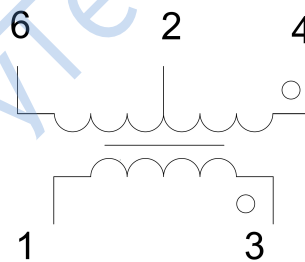
Notes:

- 1: Dimensions in mm.
- 2: Tolerance $\pm 0.3\text{mm}$ unless otherwise noted.

Ports Configuration:

PRIMARY DOT	3
PRIMARY	1
SECONDARY DOT	4
SECONDARY	6
Ground	2
NOT USED	5

Schematic:



Maximum Ratings:

Parameters	Conditions	Unit	Min	Max
RF Power		Watt		1
DC Current		mA		300
Operating Temperature Range		Degree Cel	-20	85
Storage Temperature Range		Degree Cel	-55	100
Moisture Sensitivity Level				1

Ordering Information:

Part Description	Details
HT-ADT1-1WT+	800 per reel



0.4-800MHz 75Ω 1:1 Ratio Transformer

HT-ADT1-1WT+

Electrical Specifications: $T_a=25^{\circ}\text{C}$ $Z_o=75\ \Omega$ $P_{in} = 0\ \text{dBm}$

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	0.4	~	800
Impedance	-	-	-	75	-
Impedance Ratio	-	-	-	1:1	-
Insertion Loss	0.4-800MHz	dB	-	-	3
Insertion Loss	0.5-700MHz	dB	-	-	2
Insertion Loss	1-400MHz	dB	-	-	1
Amplitude Unbalance	0.4-800MHz	dB	-	0.5	-
Phase Unbalance	0.4-800MHz	Degrees	-	4	-

Notes:

1: Specifications guaranteed over the operating temperature range.

Typical Performance Curves:

