

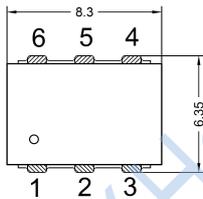


0.3-300Mhz 50Ω 1:1 Ratio Transformer

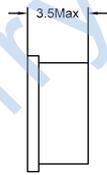
HT-ADTT1-1+

Mechanical Dimensions:

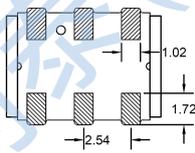
TOP VIEW



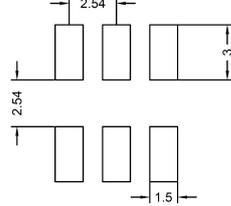
SIDE VIEW



BOTTOM VIEW



FOOTPRINT FOR PCB



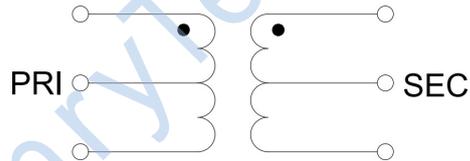
Notes:

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

Ports Configuration:

PRIMARY DOT	3
PRIMARY	1
PRIMARY CT	2
SECONDARY DOT	4
SECONDARY	6
SECONDARY CT	5

Schematic:



Maximum Ratings:

Parameters	Conditions	Unit	Min	Max
RF Power		Watt		1
DC Current		mA		300
Operating Temperature Range		Degree Cel	-40	85
Storage Temperature Range		Degree Cel	-55	100
Moisture Sensitivity Level				1

Ordering Information:

Part Description	Details
HT-ADTT1-1+	800 per reel

0.3-300MHz 50Ω 1:1 Ratio Transformer

HT-ADTT1-1+

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

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	0.3	~	300
Impedance	-	ohm	-	50	-
Impedance Ratio	-	-	-	1:1	-
Insertion Loss	0.3-300MHz	dB	-	-	3
Insertion Loss	0.4-200MHz	dB	-	-	2
Insertion Loss	0.5-90MHz	dB	-	-	1
Amplitude Balance	0.3-300MHz	dB	-	0.3	-
Phase Balance	0.3-300MHz	Degrees	-	2	-

Notes:

1: Specifications guaranteed over the operating temperature range.

Typical Performance Curves: