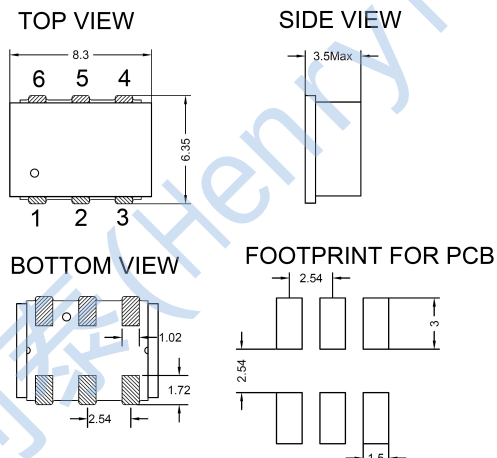




0.15-400Mhz 50Ω 1:1 Ratio Transformer

HT-ADT1-1+

Mechanical Dimensions:



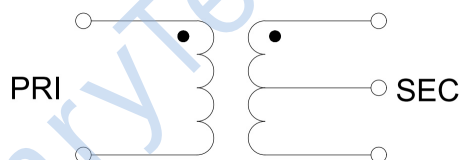
Notes:

- 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
NOT USED	2,5

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-ADT1-1+	800 per reel



0.15-400Mhz 50Ω 1:1 Ratio Transformer

HT-ADT1-1+

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

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	0.15	~	400
Impedance	-	Ohm	-	50	-
Impedance Ratio	-	-	-	1:1	-
Insertion Loss	0.15-400MHz	dB	-	3	-
Insertion Loss	0.2-200MHz	dB	-	2	-
Insertion Loss	0.3-100MHz	dB	-	1	-
Amplitude Balance	0.2-200MHz	dB	-	0.5	-
Amplitude Balance	0.3-100MHz	dB	-	0.1	-
Phase Balance	0.2-200MHz	Degree	-	5	-
Phase Balance	0.3-100MHz	Degree	-	2	-

Notes:

1: Specifications guaranteed over the operating temperature range.

Typical Performance Curves: