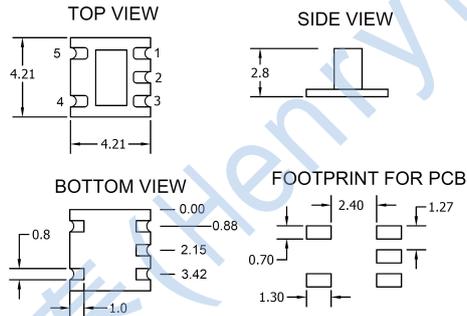




1-1600Mhz 50Ω 1:2 Ratio Transformer

HT-MABA-010247-2R1250

Mechanical Dimensions:



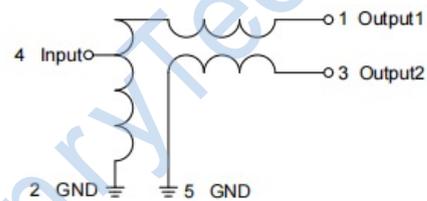
Notes:

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

Ports Configuration:

Secondary	1
Secondary Dot	3
Primary Dot(Input)	4
Primary(GND)	5
GND	2

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	125
Moisture Sensitivity Level				1

Ordering Information:

Part Description	Details
HT-MABA-010247-2R1250	2000 per reel



10-6000Mhz 50Ω 1:1 Ratio Transformer

HT-MABA-010247-2R1250

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

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	1	~	1600
Impedance	-	-	-	50	-
Impedance Ratio	-	-	-	1:2	-
Insertion Loss	1-750MHz	dB	-	1	-
Insertion Loss	750-1250MHz	dB	-	1.5	2.5
Insertion Loss	1250-1600MHz	dB	-	2	4
Input Return Loss	1-500MHz	dB	20	30	-
Input Return Loss	500-1600MHz	dB	10	15	-
Amplitude Balance	1-1250MHz	dB	-	0.5	1
Amplitude Balance	1250-1600MHz	dB	-	1	1.2
Phase Balance	1-1600MHz	Degree	-	5	10

Notes:

1: Specifications guaranteed over the operating temperature range.

Typical Performance Curves:

