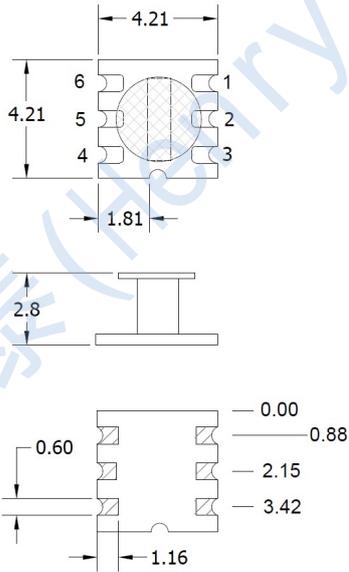




10-8000Mhz 50Ω 1:1 Ratio Transformer

HT-TCM1-83X+

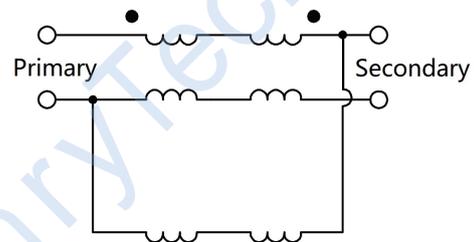
Mechanical Dimensions:



Ports Configuration:

PRIMARY DOT	3
PRIMARY	2
SECONDARY DOT	5
SECONDARY	4
NC	1,6

Schematic:



Maximum Ratings:

Parameters	Conditions	Unit	Min	Max
RF Power		Watt		2
DC Current		mA		500
Operating Temperature Range		Degree Cel	-40	85
Storage Temperature Range		Degree Cel	-55	100
Moisture Sensitivity Level				1

Ordering Information:

Part Description	Details
HT-TCM1-83X+	2000 per reel



10-8000MHz 50Ω 1:1 Ratio Transformer

HT-TCM1-83X+

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

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	10	~	8000
Impedance	-	Ohm	-	50	-
Ratio	-	-	-	1:1	-
Insertion Loss	10-6000MHz	dB	-	1.3	2.5
	6000-8000MHz			1.3	3.0
Amplitude Unbalance	10-6000MHz	dB	-	0.5	-
	6000-8000MHz			1	-
Phase Unbalance	10-6000MHz	Degree	-	8	-
	6000-8000MHz			4	-

Notes:

1: Specifications guaranteed over the operating temperature range.

Typical Performance Curves:

