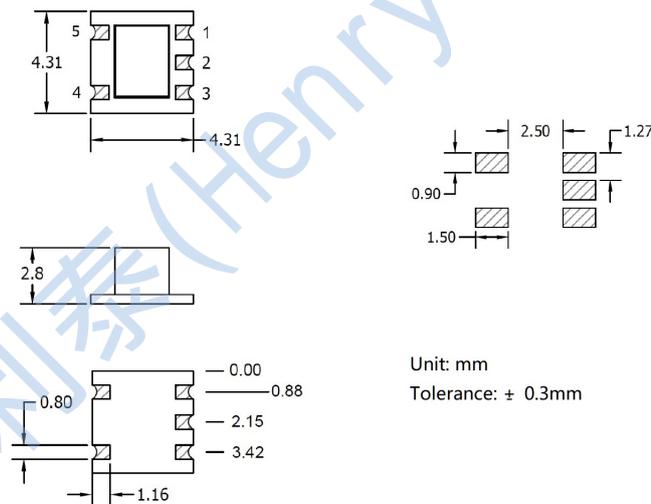


5-3000Mhz 75Ω 1:1 Ratio Balun

HT-TC1-33-75G2+

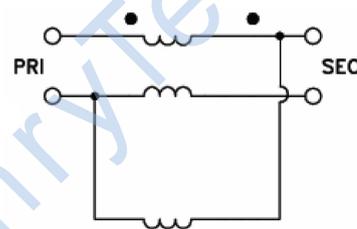
Mechanical Dimensions:



Ports Configuration:

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

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-TC1-33-75G2+	2000 per reel

Electrical Specifications: Ta=25°C Zo=75 Ohm Pin = 0 dBm

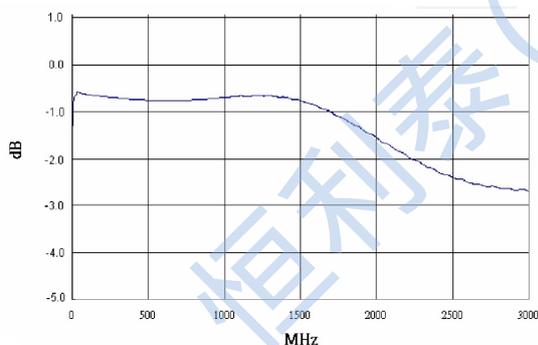
Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	5	~	3000
Impedance	-	Ohm	-	75	-
Ratio	-	-	-	1:1	-
Insertion Loss	5-1200MHz	dB	-	1	-
	1200-2000MHz			2	
	2000-3000MHz			3	
Amplitude Unbalance	5-1200MHz	dB	-	0.3	-
	1200-2000MHz			1.0	
Phase Unbalance	5-1200MHz	Degree	-	3	-
	1200-2000MHz			4	

Notes:

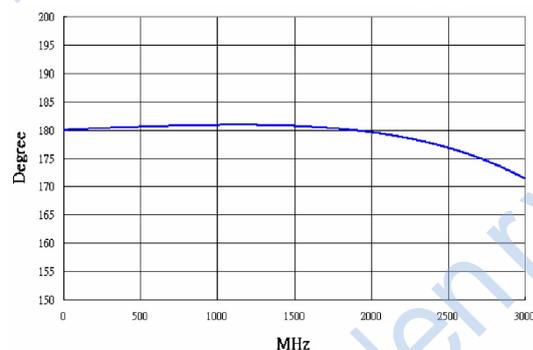
1: Specifications guaranteed over the operating temperature range.

Typical Performance Curves:

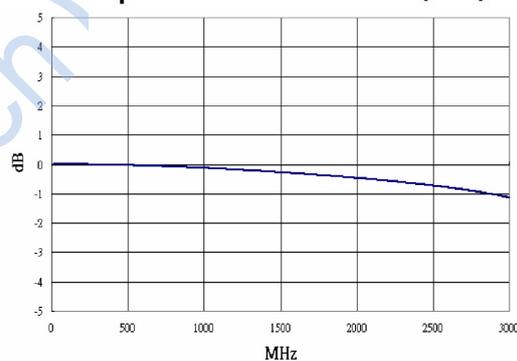
Insertion Loss (dB)



Phase Balance (°)



Amplitude Balance (dB)



Input Return Loss (dB)

