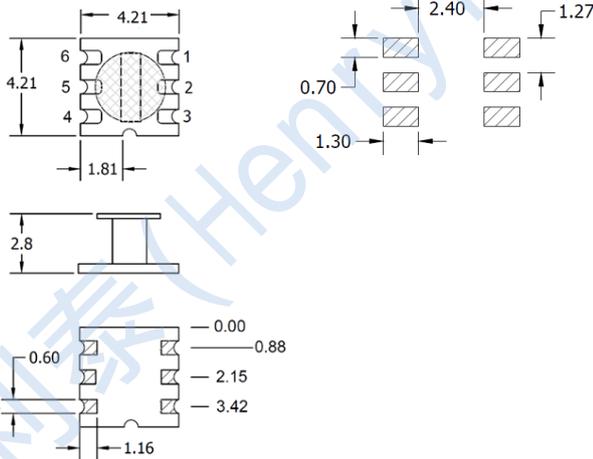




10-3000Mhz 50Ω 1:2 Ratio Transformer

HT-TCM2-33WX+

Mechanical Dimensions:

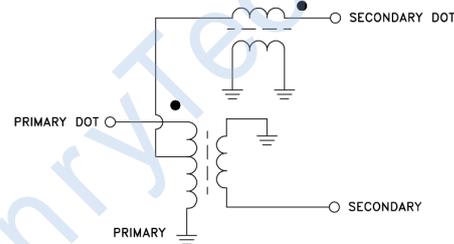


- Notes:**
1: Dimensions in mm.
2: Tolerance ± 0.3 mm unless otherwise noted.

Ports Configuration:

PRIMARY DOT	6
PRIMARY	2
SECONDARY DOT	4
SECONDARY	3
GND (RF)	2,5
NC	1

Schematic:



Maximum Ratings:

Parameters	Conditions	Unit	Min	Max
RF Power		Watt		2
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-TCM2-33WX+	2000 per reel



10-3000MHz 50Ω 1:2 Ratio Transformer

HT-TCM2-43X+

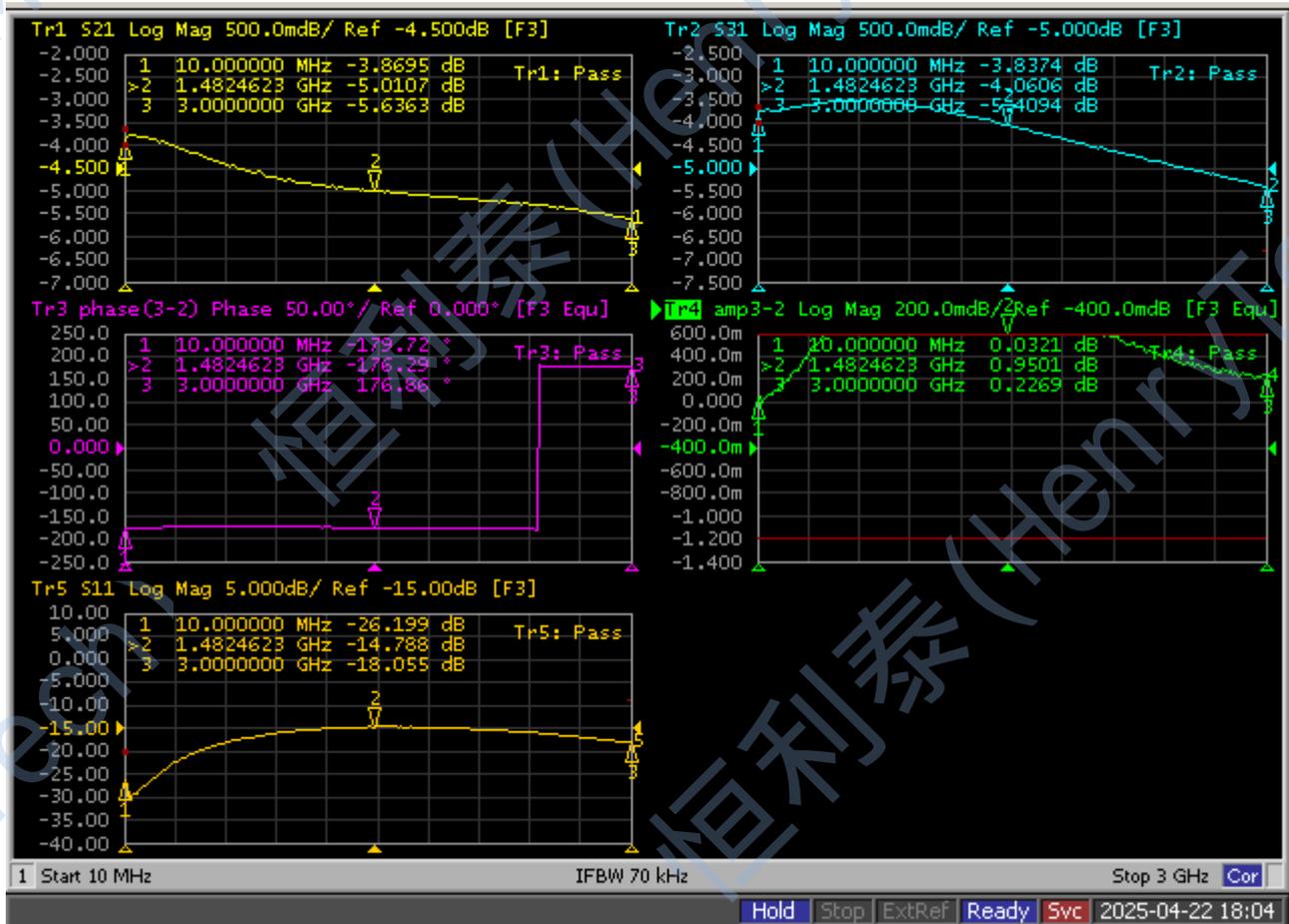
Electrical Specifications: Ta=25°C Zo=50 Ohm Pin = 0 dBm

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	10	~	3000
Impedance	-	Ohm	-	50	-
Ratio	-	-	-	2	-
Insertion Loss	10-3000MHz	dB	-	1.5	3
Amplitude Unbalance	10-3000MHz	dB	-	0.7	-
Phase Unbalance	10-3000MHz	Degree	-	4	-

Notes:

1: Specifications guaranteed over the operating temperature range.

Typical Performance Curves:



Tel: +86-28-85589664

E-mail: mr_li@henglititech.com

Web: www.hltchips.com

Room 1401, 14th Floor, Building 5, Huaxi Science and Technology Innovation Center, No. 50, Shuxi Road, Jinniu District, Chengdu City