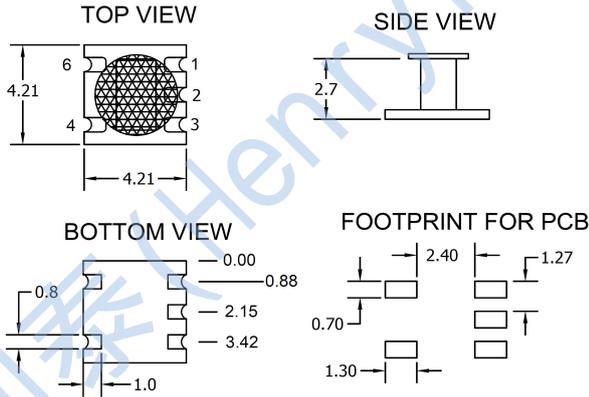




1000-2500Mhz 50Ω 2 Ways 0° Power Splitter

HT-SBTC-2-25L+

Mechanical Dimensions:



Notes:

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

Ports Configuration:

SUM PORT	6
PORT 1	3
PORT 2	4
GROUND	1, 2

Schematic:



Maximum Ratings:

Parameters	Conditions	Unit	Min	Max
RF Power		Watt		1
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-SBTC-2-25L+	2000 per reel



1000-2500MHz 50Ω 2 Ways 0° Power Splitter

HT-SBTC-2-25L+

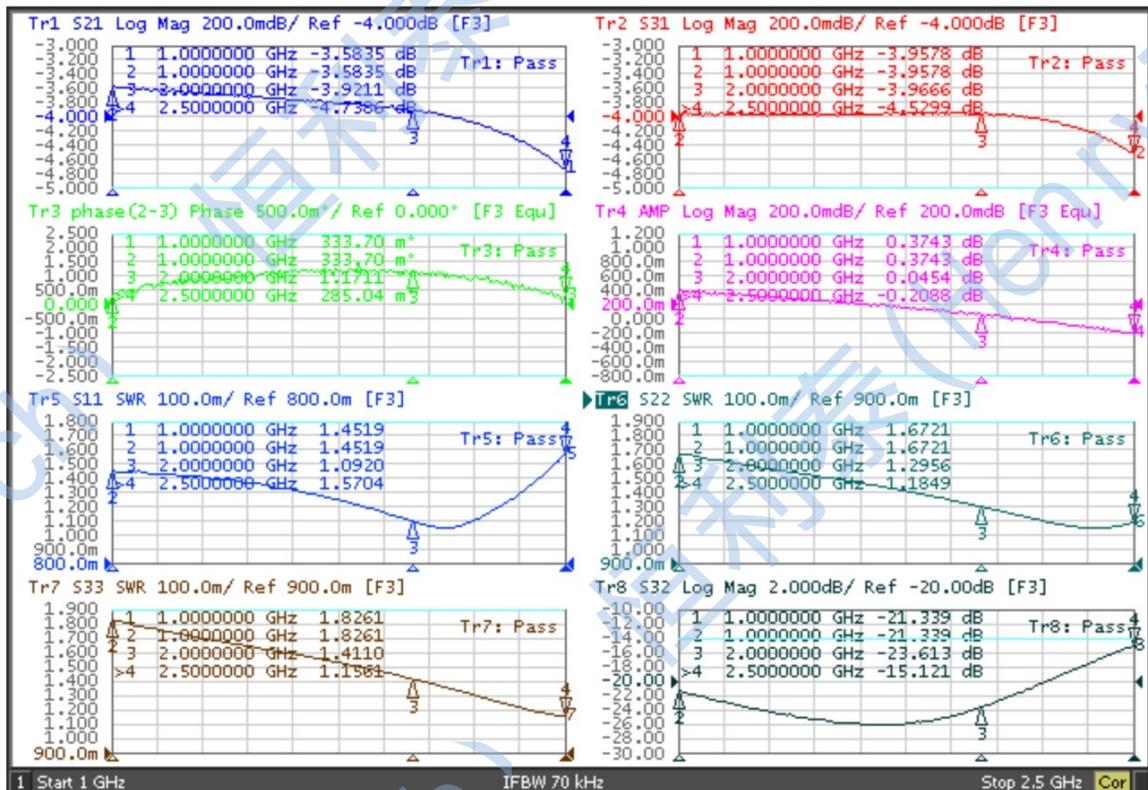
Electrical Specifications: Zo=50 Ohm Pin = 0 dBm

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	1000	~	2500
Insertion Loss	1000-2500MHz	dB	-	1.4	2.5
Insertion Loss	1400-1800MHz	dB	-	0.9	1.7
Insertion Loss	1800-2000MHz	dB	-	1	1.7
Amplitude unbalance	1000-2500MHz	dB	-	-	1.2
Amplitude unbalance	1400-1800MHz	dB	-	-	0.7
Amplitude unbalance	1800-2000MHz	dB	-	-	0.8
Phase unbalance	1000-2500MHz	°	-	-	14
Phase unbalance	1400-1800MHz	°	-	-	8
Phase unbalance	1800-2000MHz	°	-	-	8
Isolation	1000-2500MHz	dB	14	20	-
Isolation	1400-1800MHz	dB	14	18	-
Isolation	1800-2000MHz	dB	16	19	-

Notes:

1: Specifications guaranteed over the operating temperature range.

Typical Performance Curves:



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