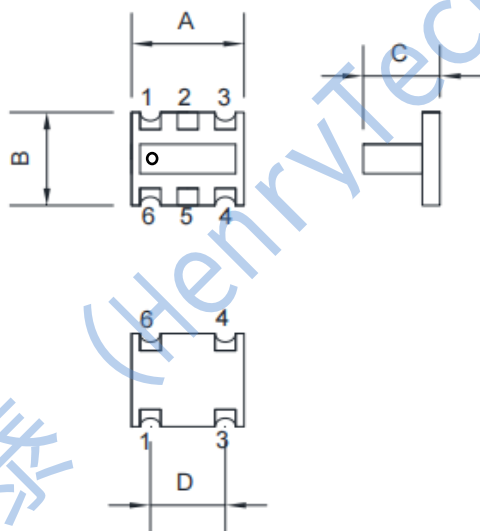




200-2000Mhz 50Ω 2 Ways 0° Power Splitter

HT-SBTC-2-20+

Mechanical Dimensions:



A	B	C
3.81	3.81	3.81 Max
D		
2.54		

Unless otherwise stated dimensions are in mm

Tolerance: .xx ± 0.25, .xxx ± 0.05

Maximum Ratings:

Parameter	Value
Input RF Power	0.5W Max
Internal Load Dissipation	0.125W Max
Operating Temperature Range	-40 to 85°C
Storage Temperature	-55 to 125°C

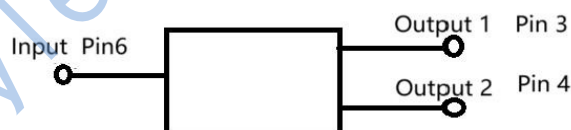
Ordering Information:

Part Description	Details
H3-SBTC-2-10L+	2000 per reel

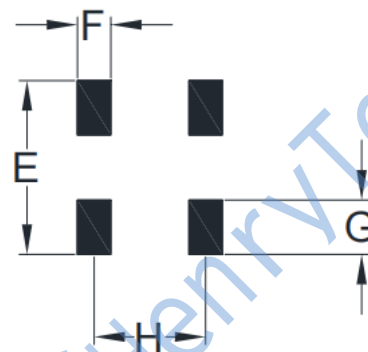
Ports Configuration:

Pin No.	Function
1	Ground
2	NA
3	Output 1
4	Output 2
5	NA
6	Input

Schematic:



RECOMMENED LAND PATTERN



E	F	G
4.06	0.76	1.27
H		
2.54		



200-2000Mhz 50Ω 2 Ways 0° Power Splitter

HT-SBTC-2-20+

Electrical Specifications: Zo=50 Ohm Pin = 0 dBm

Parameters (P#: ENA PORT)	frequency band	Min.	Typ.	Max.	Unit
Port Impedance, Z0 (P1)			50		Ohm
Insertion Loss (Above 3dB)	200 - 2000MHZ		1.6	2.2	dB
	800 - 1000MHz		0.8	0.9	dB
	500 - 1500MHz		1.2	1.5	dB
VSWR	200 - 2000MHZ		1.6	1.8	
Isolation	200 - 2000MHZ	12.0	14.0		dB
	800 - 1000MHz	14.0	17.0		dB
	500 - 1500MHz	13.0	15.0		dB
Amplitude Balance	200 - 2000MHZ		0.5	0.8	dB
Phase Balance	200 - 2000MHZ		5	10	Deg



200-2000MHz 50Ω 2 Ways 0° Power Splitter

HT-SBTC-2-20+

Typical Performance Curves:

