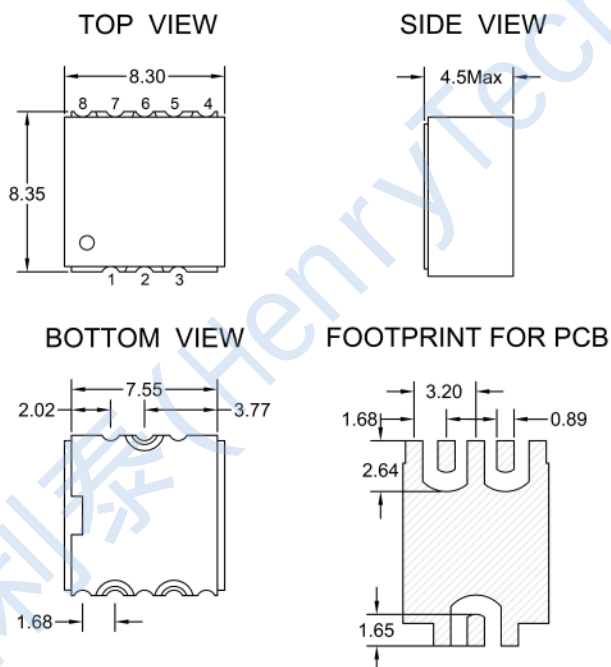




10-6000Mhz 50Ω 2 Ways 0° Power Combiner

HT-PBR-0006SMG

Mechanical Dimensions:



Notes:

- 1: Dimensions in mm.
- 2: Tolerance $\pm 0.3\text{mm}$ unless otherwise noted.

Schematic:



Ports Configuration:

Common	2
Input1	7
Input2	5
Ground	1,3,4,6,8

Maximum Ratings:

Parameters	Conditions	Unit	Min	Max
RF Power		Watt		1
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-PBR-0006SMG	500 per reel



10-6000MHz 50Ω 2 Ways 0° Power Combiner

HT-PBR-0006SMG

Electrical Specifications: $Z_0=50\ \Omega$ Pin = 0 dBm

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range		MHz	10	~	6000
Impedance			-	50	-
Insertion Loss	10-6000MHz	dB	-	1.7	3.4
Isolation	10-6000MHz	dB	25	35	-
Amplitude Balance	10-6000MHz	dB	-	0.8	1.6
Common Port VSWR	10-6000MHz	-	-	1.4	-
Input Port VSWR	10-6000MHz	-	-	1.2	-
Nominal Power Splitting	10-6000MHz	dB	-	6	-

Notes:

1: Specifications guaranteed over the operating temperature range.

Typical Performance Curves:

