



HG-SCN-2-45+

3700-4200MHz 50Ω 2 Way Power Divider
(频率范围3700-4200MHz, 50Ω阻抗, 2路功率分配器)

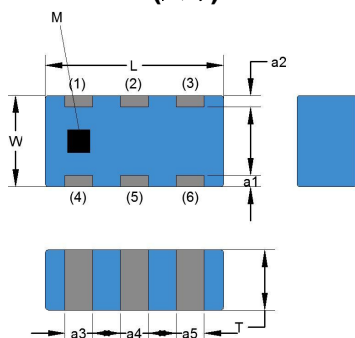
APPLICATIONS(应用)

- Ideally suitable for CATV applications.(有线电视)

FEATURES (特点)

- Surface mount (SMT表面贴装)
- 2 Way 0 degree (2路0°)
- 260°C reflow compatible (适用于260℃回流焊)
- RoHS compliant and Pb free (符合RoHS标准, 无铅)
- Available on tape and reel (可用于磁带和卷轴)

DIMENSIONS(尺寸)

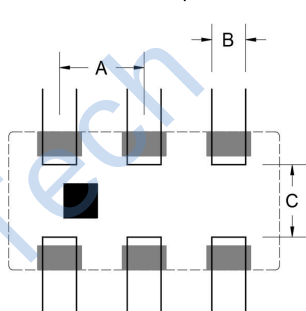


L	W	T
3.2	1.6	1.5Max
a1/a2	a3/a4/a5	
0.28	0.52	

Unless otherwise stated dimensions are in mm Tolerance: .xx ±0.2 .xxx ±0.15

除非另有说明, 否则尺寸单位为毫米公差: .xx±0.2.xxx±0.15

PCB LAYOUT (建议焊盘位置、尺寸)



A	B	C
1	0.4	0.94

ELECTRICAL SPECIFICATIONS@25°C:

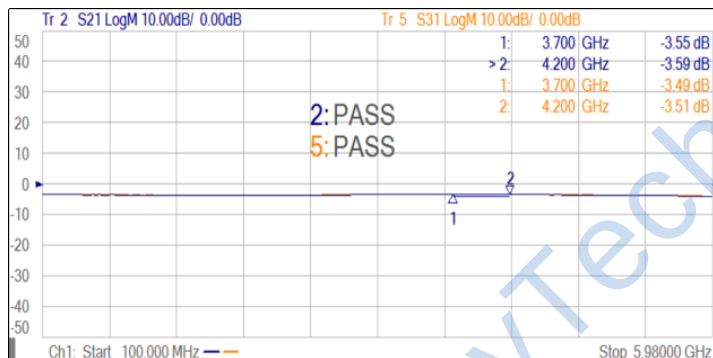
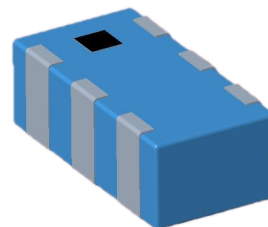
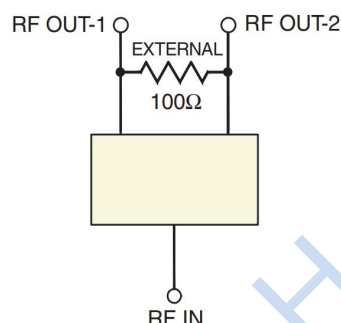
(25°C室温下相关测试参数)

Frequency Range (频率范围)	800~1150MHz	Phase balance (相位平衡度)	≤3° 0.8~1.15GHz
Insert loss above 3dB	≤0.8dB 0.8~1.15GHz	VSWR (	≤1.5:1 0.8~1.15GHz
Isolation	≥14dB 0.8~1.15GHz	Return Loss	≥14dB 0.8~1.15GHz
Amplitude balance (幅度平衡度)	≤0.3dB 0.8~1.15GHz		

TEST CURVE (测试曲线)

1.Total insertion loss (总插入损耗)

(insertion loss+3dB allocation loss) (插入损耗+3dB分配损耗)

Product Appearance Diagram
(产品示意图)FUNCTIONAL SCHEMATIC
(产品原理图)PIN CONFIGURATION
(引脚配置)

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

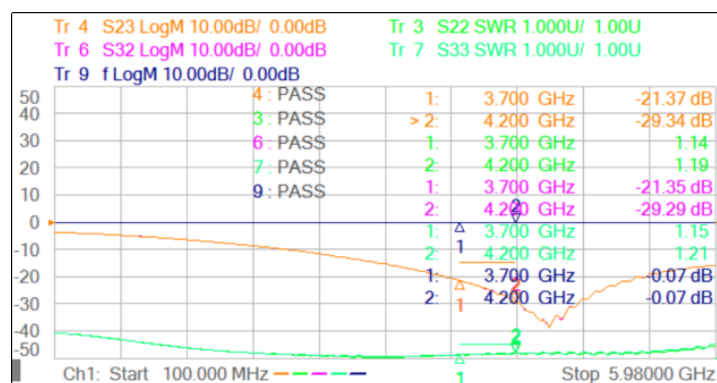
ABSOLUTE MAXIMUM RATINGS
(参数配置)

Parameter	Value
Input RF Power (输入功率)	20W Max
Operating Temperature Range (工作温度)	-55 to 85 ℃
Storage Temperature Range (存储温度)	-10 to 40 ℃
Storage relative humidity(相对湿度)	≤70%

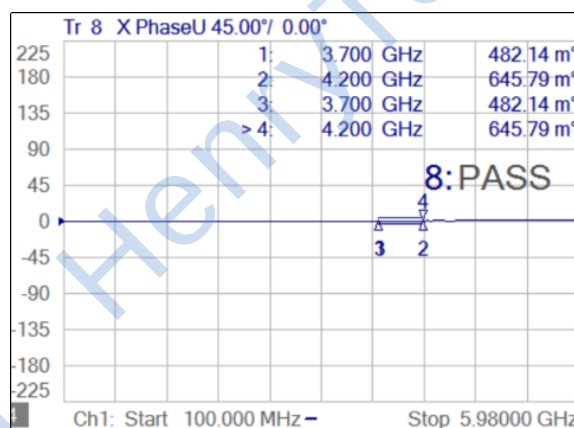


TEST CURVE

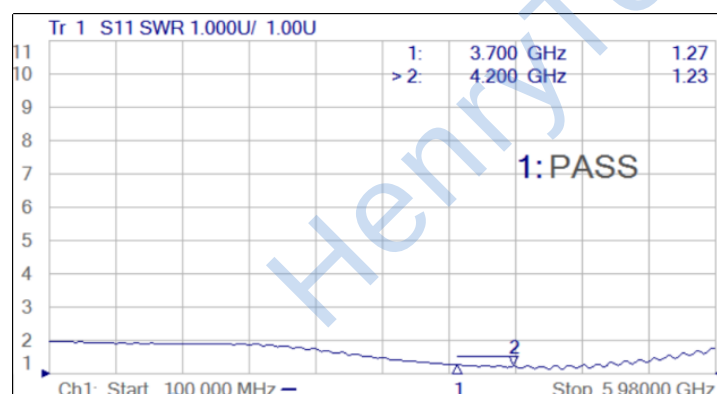
2.Isolation And Amplitude Balance



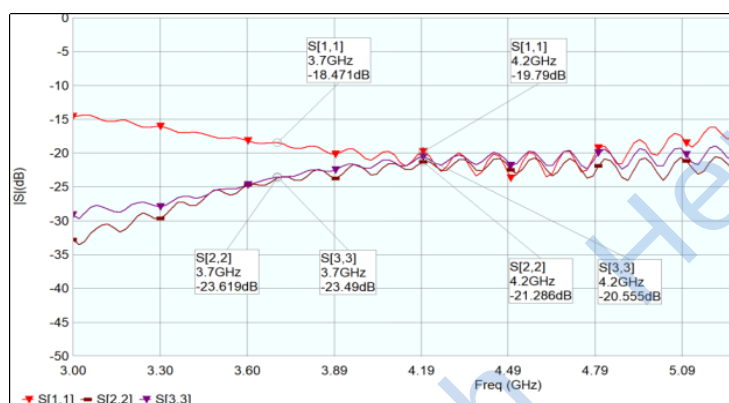
3.Phase Balance



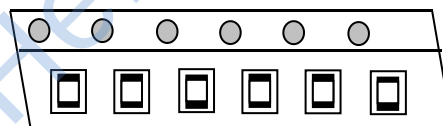
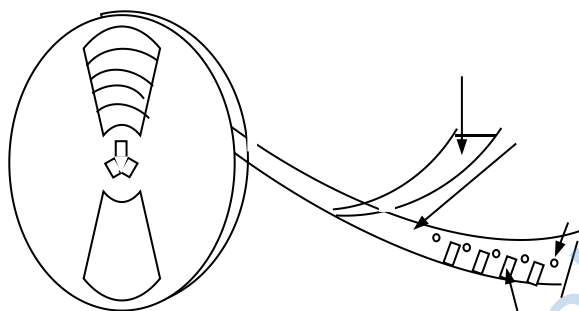
4.VSWR



5.Return Loss

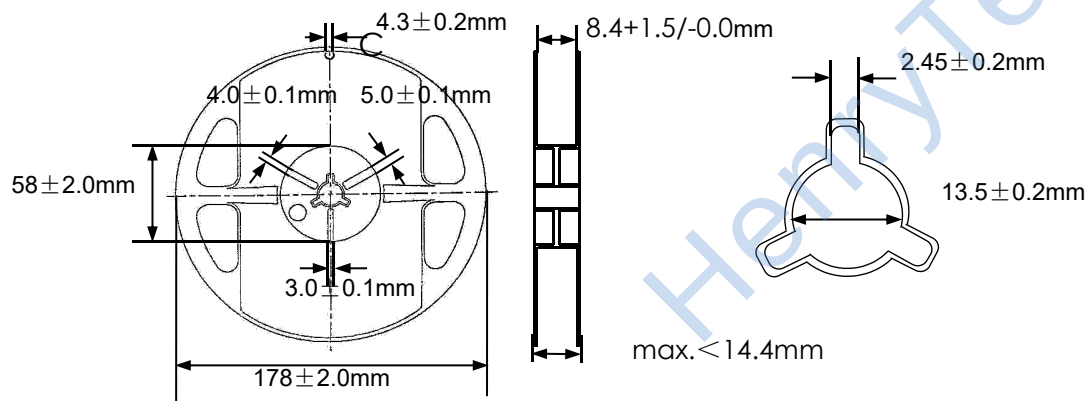


Packaging method (包装方式)



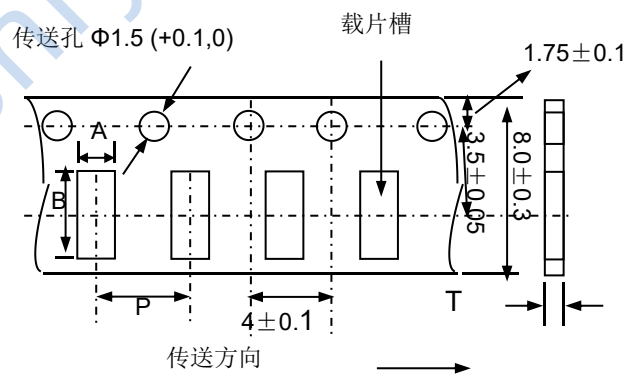
说明：当编带按本图所示由上往下的方向拉出编带时，传送孔位于编带的右侧。

Tape size (卷带尺寸)



Carrier size (载带尺寸)

塑带



Type	A	B	P	Tmax.
3216	1.8±0.1	3.4±0.1	4.0±0.1	1.5