

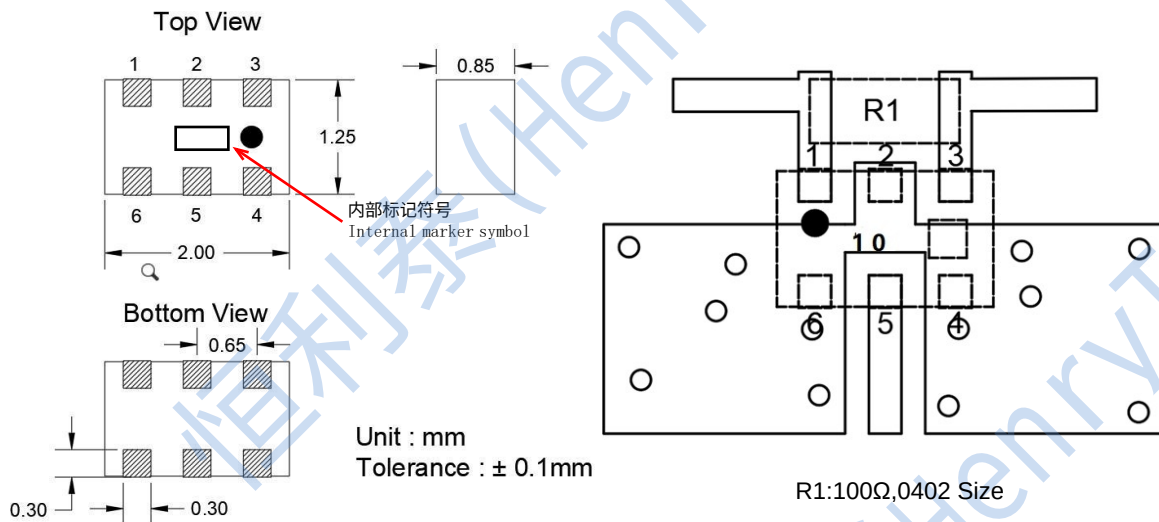
LTCC Power Splitter/Combiner 低温共烧陶瓷 功率分配器/合路器

产品型号 (Product model) : HM-PD2012-2-4550-5900M

一、电气性能 Electrical Specifications ($T_{AMB}=25^{\circ}C$)

No.	项目	指标
1	频率范围 Frequency Range	4550~5900MHz
2	插损 Insertion Loss, above 3.0dB	$\leq 0.7\text{dB}$
3	阻抗 Impedance	$50\ \Omega$
4	隔离度 Isolation	$\geq 14\text{dB}$
5	相位不平衡 Phase Unbalance	$\leq 4^{\circ}$
6	振幅不平衡 Amplitude Unbalance	$\leq 0.3\text{dB}$
7	输入回波损耗 Input Return Loss	$\geq 7.9\text{dB}$
8	输出回波损耗 Output Return Loss	$\geq 11\text{dB}$
9	工作温度 Operating Temperature	$-40^{\circ}C \sim +85^{\circ}C$
10	存储温度 Storage Temperature	$-40^{\circ}C \sim +85^{\circ}C$
11	最大输入功率 Input Power	5W

二、外形尺寸 Outline Drawing (Unit: mm)



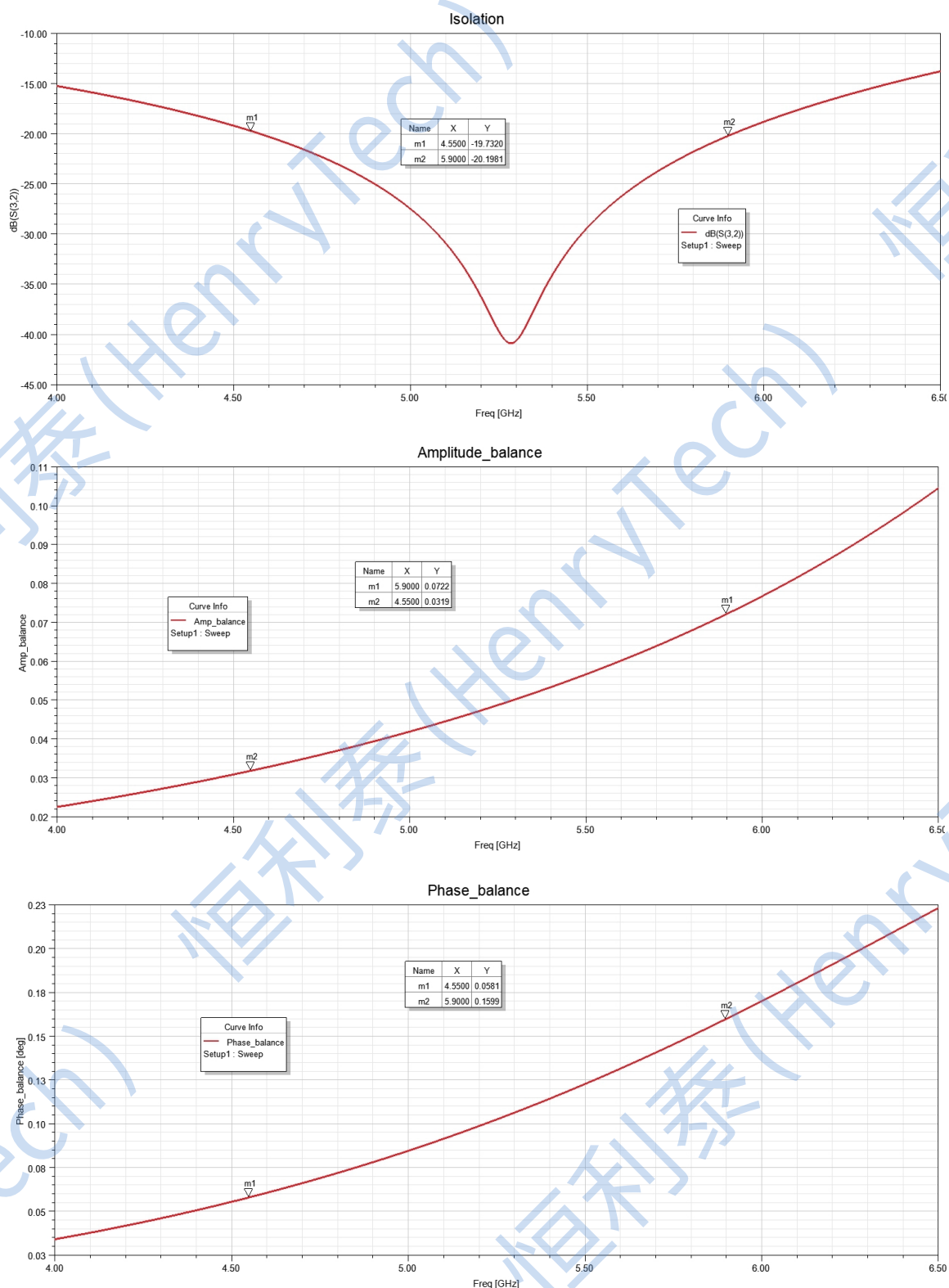
三、引脚定义 Pin Connections

接地 GND	1
输入 input Port	2
接地 GND	3
输出 1 output Port 1	4
接地 GND	5
输出 2 output Port 2	6

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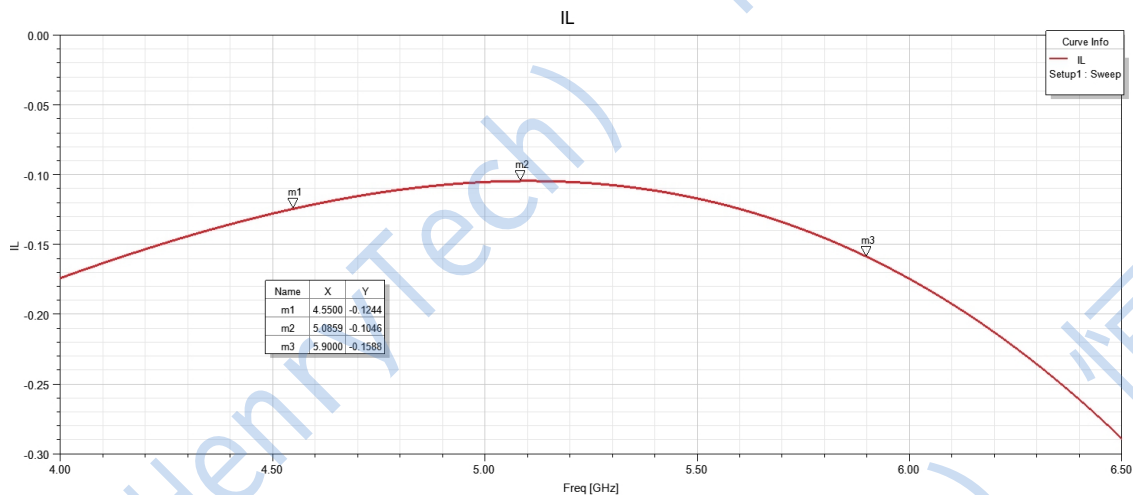
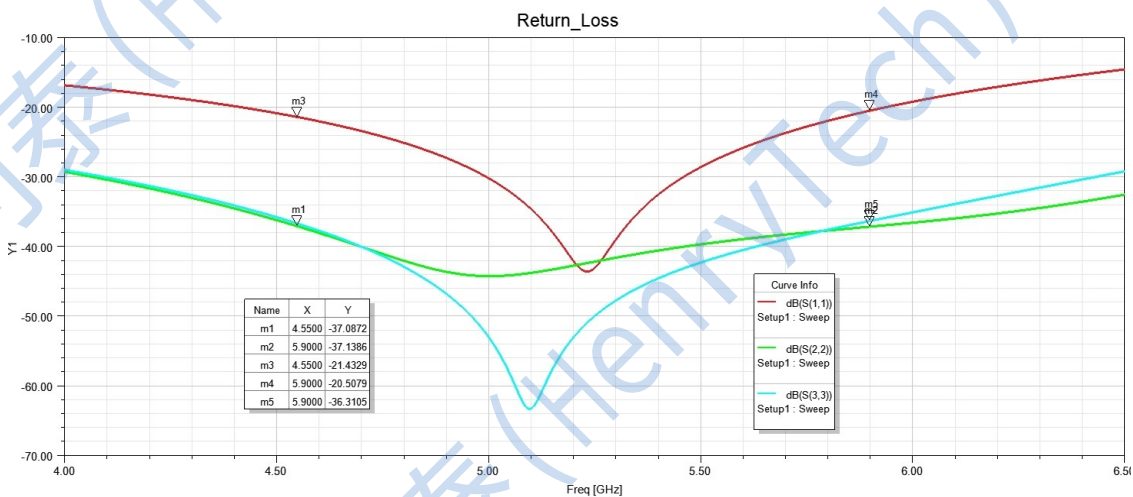
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四、测试曲线 Test Curve @25°C



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五、回流焊温度 Reflow Soldering Temperature

