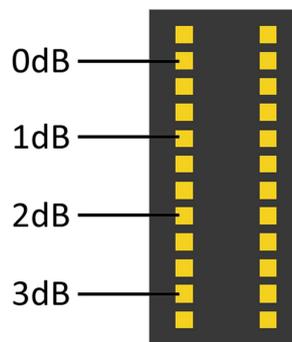


可变衰减器组合裸片

- ◆ DC to 43.5GHz
- ◆ 0 dB , 1dB , 2 dB , 3 dB
- ◆ 2 W

特性

- 采用国际先进的 GaAs 工艺制作
- 优异的衰减精度和平坦度
- 高 ESD 等级
- 低驻波比
- 裸片无封装


技术指标

频率范围	DC to 43.5GHz
衰减量	0 dB, 1 dB, 2 dB, 3 dB
阻抗	50 Ohm
额定输入功率	2W@25℃ 1W@85℃
工作温度	-45 ℃ to +85 ℃

衰减量:0 dB

参数	裸片在探针台的测试结果		加 300um 双键合线的测试结果	
	频率范围 (GHz)	Typ.	频率范围 (GHz)	Typ.
衰减精度 (dB)	DC-5	0.10	DC-5	0.10
	5-15	0.10	5-15	0.10
	15-18	0.10	15-18	0.10
	18-26.5	0.10	18-26.5	0.13
	26.5-43.5	0.35	26.5-43.5	0.40
VSWR (:1)	DC-5	1.10	DC-5	1.15
	5-15	1.15	5-15	1.20
	15-18	1.15	15-18	1.20
	18-26.5	1.15	18-26.5	1.20
	26.5-43.5	1.15	26.5-43.5	1.20

衰减量:1 dB

参数	裸片在探针台的测试结果		加 300um 双键合线的测试结果	
	频率范围 (GHz)	Typ.	频率范围 (GHz)	Typ.
衰减精度 (dB)	DC-5	1±0.10	DC-5	1±0.10
	5-15	1±0.10	5-15	1±0.10
	15-18	1±0.10	15-18	1±0.10
	18-26.5	1±0.10	18-26.5	1±0.15
	26.5-43.5	1±0.20	26.5-43.5	1±0.40
VSWR (:1)	DC-5	1.10	DC-5	1.15
	5-15	1.15	5-15	1.20
	15-18	1.20	15-18	1.20
	18-26.5	1.20	18-26.5	1.20
	26.5-43.5	1.15	26.5-43.5	1.30

衰减量:2 dB

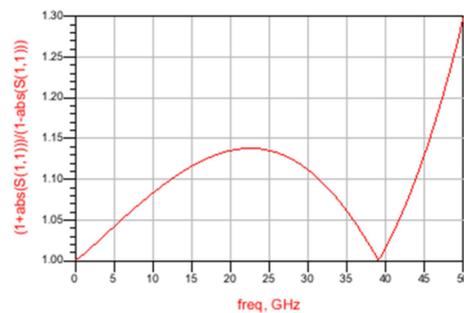
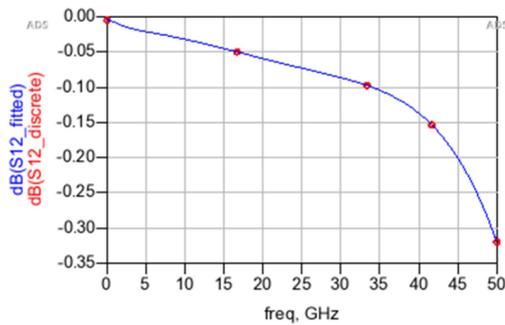
参数	裸片在探针台的测试结果		加 300um 双键合线的测试结果	
	频率范围 (GHz)	Typ.	频率范围 (GHz)	Typ.
衰减精度 (dB)	DC-5	2±0.10	DC-5	2±0.10
	5-15	2±0.10	5-15	2±0.10
	15-18	2±0.10	15-18	2±0.10
	18-26.5	2±0.10	18-26.5	2±0.20
	26.5-43.5	2±0.30	26.5-43.5	2±0.40
VSWR (:1)	DC-5	1.10	DC-5	1.15
	5-15	1.15	5-15	1.20
	15-18	1.15	15-18	1.20
	18-26.5	1.15	18-26.5	1.20
	26.5-43.5	1.20	26.5-43.5	1.20

衰减量:3 dB

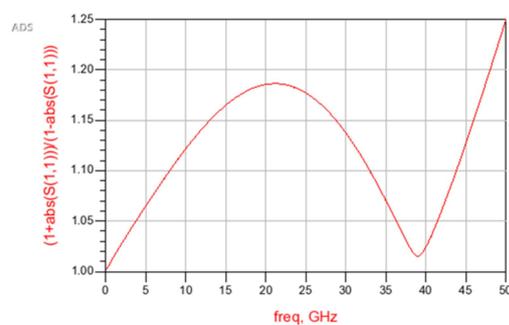
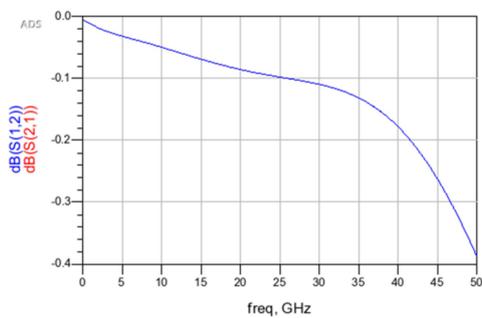
参数	裸片在探针台的测试结果		加 300um 双键合线的测试结果	
	频率范围 (GHz)	Typ.	频率范围 (GHz)	Typ.
衰减精度 (dB)	DC-5	3±0.10	DC-5	3±0.10
	5-15	3±0.10	5-15	3±0.10
	15-18	3±0.10	15-18	3±0.10
	18-26.5	3±0.10	18-26.5	3±0.20
	26.5-43.5	3±0.25	26.5-43.5	3±0.40
VSWR (:1)	DC-5	1.10	DC-5	1.15
	5-15	1.15	5-15	1.20
	15-18	1.15	15-18	1.20
	18-26.5	1.15	18-26.5	1.20
	26.5-43.5	1.20	26.5-43.5	1.25

测试曲线

衰减量: 0dB

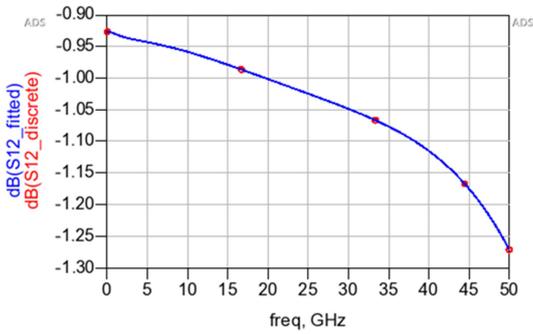


裸片在探针台的测试结果

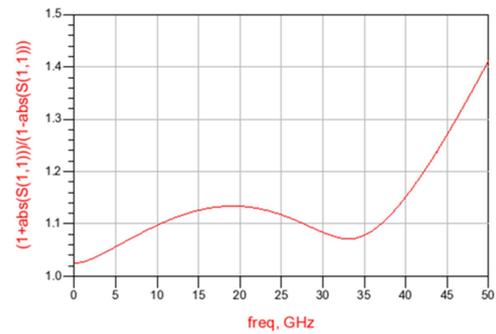
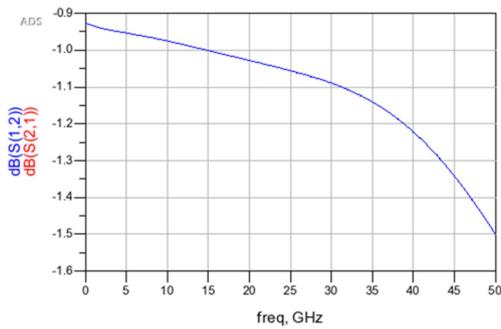


加 300um 双键合线的测试结果

衰减量: 1dB

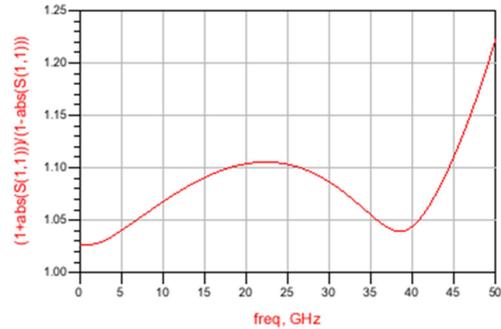
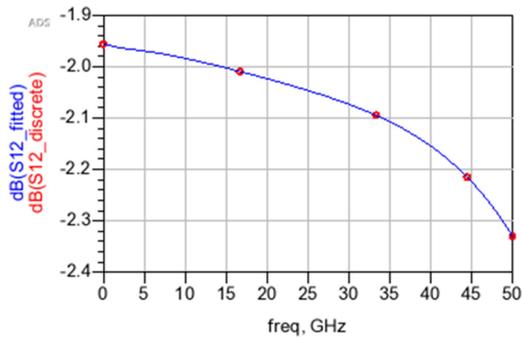


裸片在探针台的测试结果

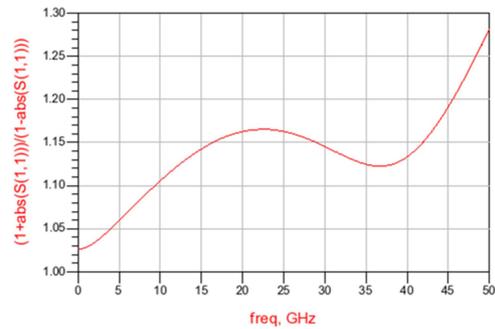
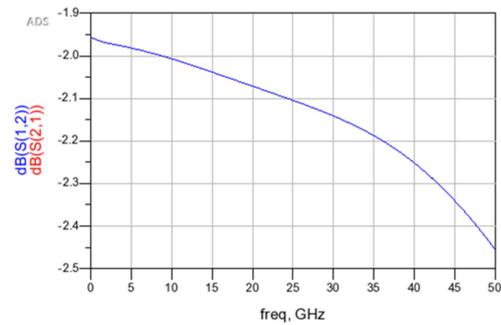


加 300um 双键合线的测试结果

衰减量: 2dB

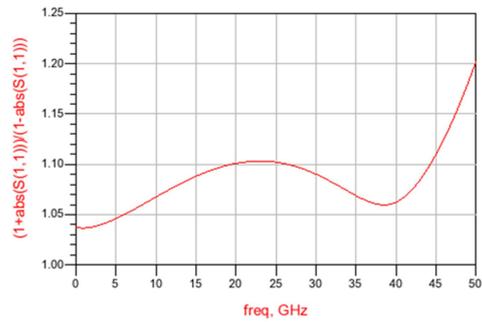
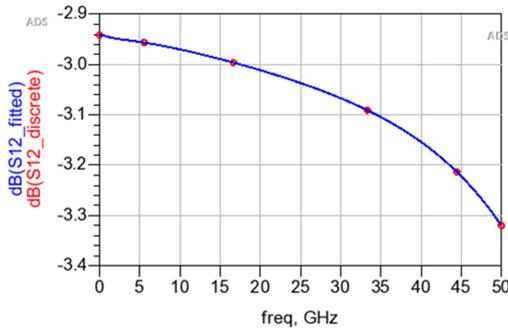


裸片在探针台的测试结果

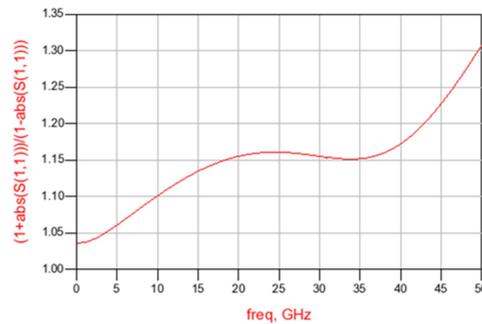
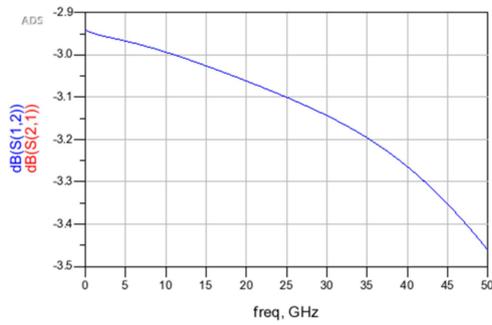


加 300um 双键合线的测试结果

衰减量: 3dB



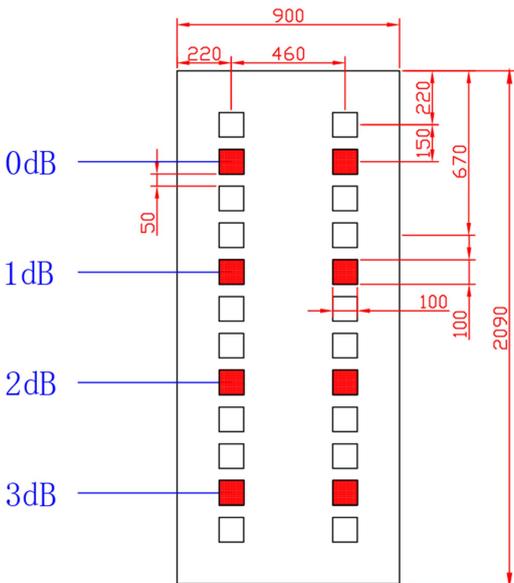
裸片在探针台的测试结果



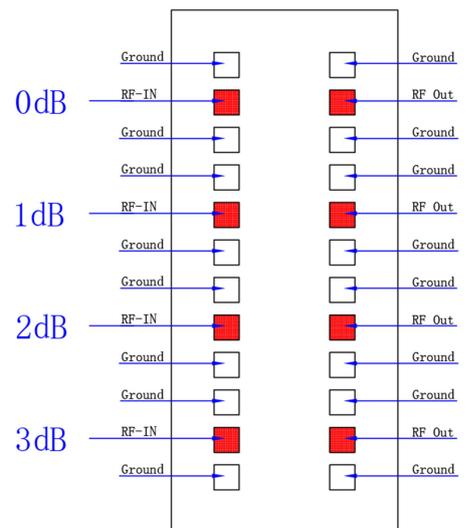
加 300um 双键合线的测试结果

外形尺寸

注: 所有尺寸均用微米(um)标示



参数	值(um)
厚度	100
宽度	900
长度	2090
电极尺寸	100x100



推荐 Layout