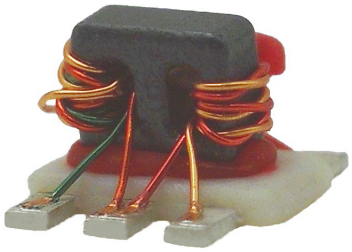
射频巴伦变压器
EBG0282-B012331

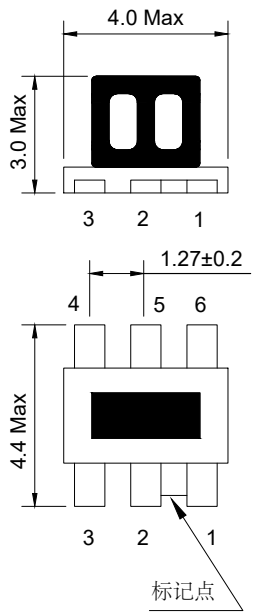
2023-02-20 Rev. 1



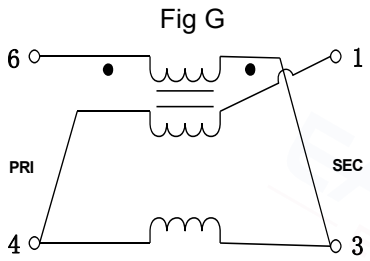
RoHS COMPLIANT

75Ω 1:1.33 传输线变压器 工作频率5-2800MHz

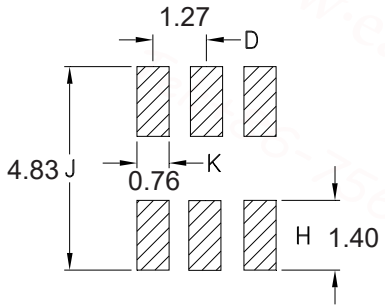
外形尺寸图(mm)



电气结构



建议PCB布局图(mm)



端口定义

输入	6
输出 1	1
输出 2	3
接地	4
空置	2, 5

产品特点

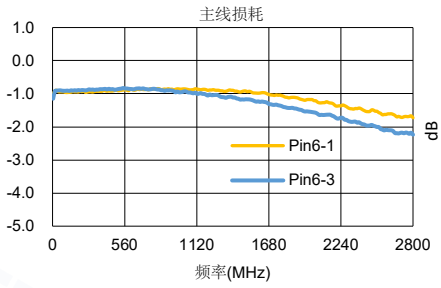
- 直流电流：30mA
- 输入功率：250mW
- 符合RoHS标准，无铅
- 产品支持260℃回流焊
- 工作温度范围：- 40℃至+ 85℃
- 储存温度范围：- 55℃至+ 100℃

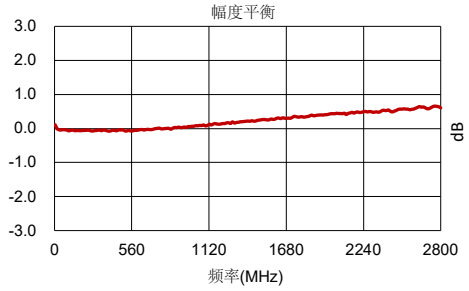
产品应用

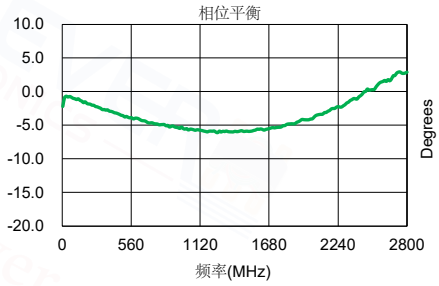
- 用于宽带推挽放大器
- 用于有线电视光接收器和放大器
- 用于有线电视放大器模块和机顶盒
- 用于 Docsis 3.0和4.0电缆调制解调器
- 用于甚高频/超高频发射器和推挽放大器

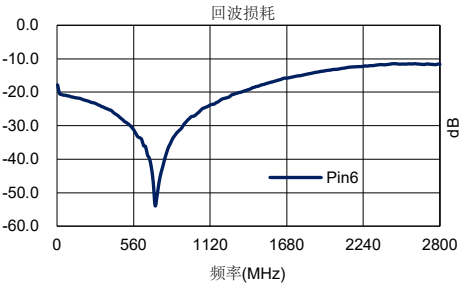
电气特性: TA=25℃, 0dBm, Z0=75Ω

主要射频参数	测试条件	单位	最小值	典型值	最大值
主线损耗 (Pin6-1)	5-2800MHz	dB	—	1.5	2.2
主线损耗 (Pin6-3)	5-2800MHz	dB	—	2.0	2.8
幅度平衡	5-2800MHz	dB	0.0	1.0	1.8
相位平衡	5-2800MHz	°	0.0	5.0	15.0
输入回波损耗(Pin6)	5-2800MHz	dB	10.0	16.0	—

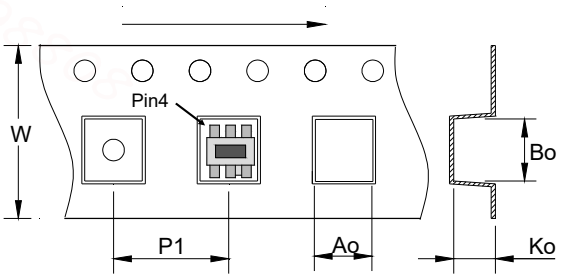








包装示意图



参数类别	单位	典型值
每卷数量	PCS	2000
卷盘尺寸	mm	330
载带宽度	mm	12.00
间隙	mm	8.00
长	mm	4.50
宽	mm	4.50
高	mm	3.20