

Model: TLVP0.5G1G-180-11
**Voltage Controlled Phase Shifter
0.5-1GHz**
Feature:

- Ultra Wide Band: 0.5-1GHz
- High Phase Shift Accuracy
- High Phase Shift Range
- Low Phase Error

电气特性 Electrical Specification:

参数Parameter	Min.	Typ.	Max.	单位Units
频率范围 Frequency range	0.5-1			GHz
插损 Insertion Loss			3	dB
输入驻波 Input VSWR			2.0	:1
输出驻波 Output VSWR			2.0	:1
移相范围 Phase Shift Range		180		°
相位精度 Phase accuracy			±20	°
耐功率 Power Handling			27	dBm
直流电压 DC Voltage		+11		V DC
直流电流 DC Supply Current		10		mA

机械特性 Mechanical Specification:

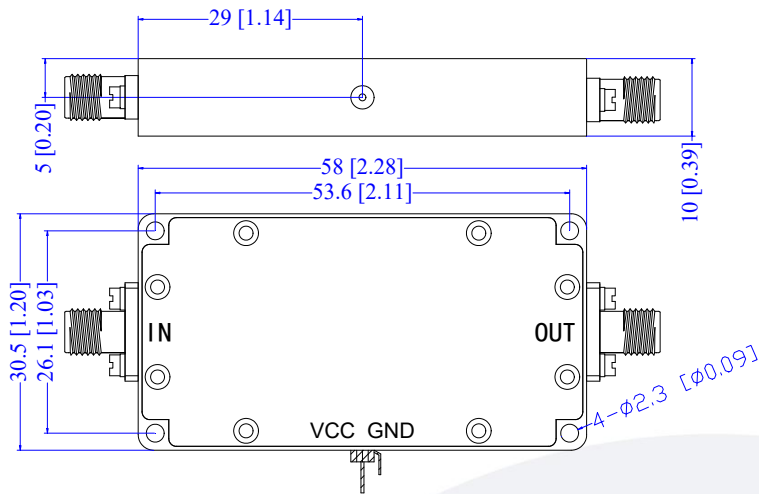
参数Parameter	指标 Value	单位Units
输入输出接口 Input /Output Connector	SMA Female	
DC和控制接口 DC and control interface	MIL-C-39012	
尺寸 Size	58*30.5*10	mm
重量 Weight		g

绝对最大值 Absolute Maximum Ratings:

参数Parameter	指标 Value
供电偏置电压 Supply Bias Voltage	+5V (±5%)
输入功率 RF Input Power	27 dBm
ESD灵敏度 ESD sensitivity (HBm)	Class 0, passed 150V

外形尺寸 Outline Drawing:

Unit: mm(Inches)



温度环境 Environmental Conditions:

参数Parameter	Min.	Typ.	Max.	单位Units
操作温度 Operating Temperature	-45		+85	°C
存储温度 Non-operating Temperature	-55		+125	°C
相对湿度 Relative humidity		95		%

订货信息 Ordering Information:

标准型号 Part Number	描述 Description	版本号Revision
TLVP0.5G1G-180-11	Voltage Controlled Phase Shifter ,0.5-1GHz,SMA	Rev.1.1