

Model: TLVA4G8G-64-10
Voltage Controlled Attenuator
4-8G, 40dB Range
Feature:

- Ultra Wide Band: 4-8G
- Attenuation Range: 64 dB Typ
- Insertion Loss: 5dB Typ
- High Attenuator Accuracy

电气特性 Electrical:

参数Parameter	Min.	Typ.	Max.	单位Units
输出频率 Output Frequency	4		8	GHz
插损 Insertion Loss		5		dB
衰减范围 Attenuation Range		64		dB
输入驻波 Input VSWR		2.5		:1
输出驻波 Output VSWR		2.5		:1
直流电压 DC Voltage		12		V
控制电压 CTL Voltage	0		10	V
阻抗 Impedance		50		Ohms

机械特性 Mechanical :

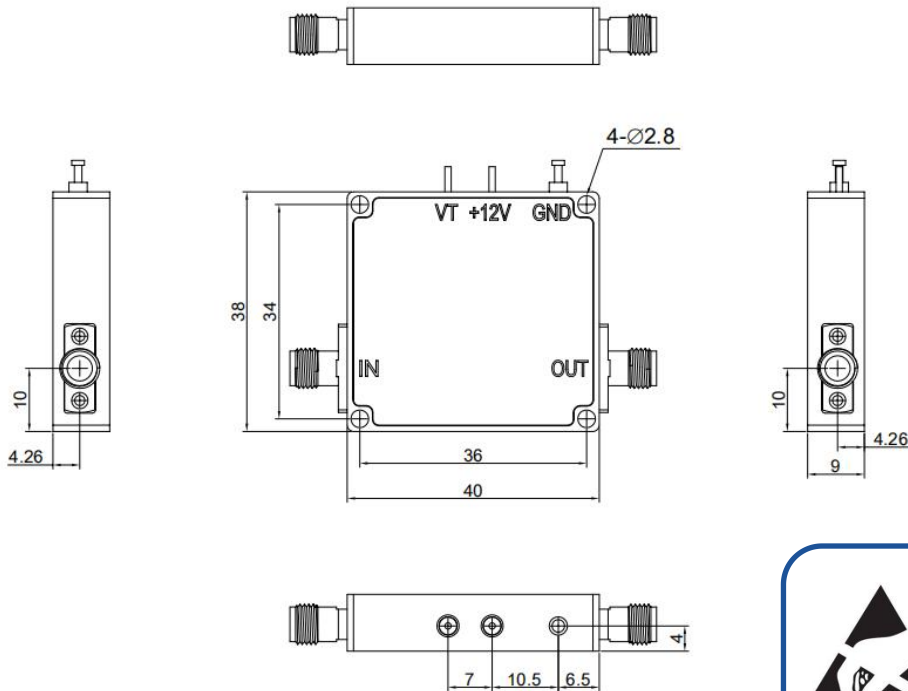
参数Parameter	指标 Value	单位Units
输出接口 Output Connector	SMA Female	
输入接口 Input Connector	SMA Female	
直流偏置 Bias	Solder Pin	
尺寸 Size	40*38*9	mm

绝对最大值 Absolute Maximum Ratings:

参数Parameter	指标 Value
供电偏置电压 Supply Bias Voltage	+15V
输入功率 RF Input Power	+23dBm
ESD灵敏度 ESD sensitivity (HBm)	Class 0, passed 150V

外形尺寸 Outline Drawing:

Unit: mm



温度环境 Environmental Conditions:

参数Parameter	Min.	Typ.	Max.	单位Units
操作温度 Operating Temperature	0		55	°C
存储温度 Non-operating Temperature	-25		+65	°C
相对湿度 Relative humidity		95		%
海拔 Altitude	50,000			feet
震动 Shock / Vibration(MIL-STD-810F)	25g rms (15 degree 2KHz) endurance, 1 hour per axis			
冲击 Shock(non operating)	20G for 11msc half sin wave,3 axis both directions			

订货信息 Ordering Information:

标准型号 Part Number	描述 Description	版本号Revision
TLVA4G8G-64-10	4-8G,Voltage Controlled Attenuator	Rev.1.1