

Model: TLVA0.1G40G-40-10

Voltage Controlled Attenuator 0.1-40 GHz, 40 dB Range

Feature:

- Ultra Wide Band: 0.1-40 GHz
- Attenuation Range: 40 dB Typ
- Insertion Loss: 10 dB Typ
- High Attenuator Accuracy

电气特性 Electrical:

参数Parameter	Min.	Typ.	Max.	单位Units
频率范围 Frequency range	0.1-40			GHz
插损 Insertion Loss		10		dB
衰减范围 Attenuation Range		40		dB
输入驻波 Input VSWR		2.5		:1
输出驻波 Output VSWR		2.5		:1
最大输入功率 Input Max Power			26	dBm
直流电压 DC Voltage	0	10		V DC
直流电流 DC Supply Current		30		mA
阻抗 Impedance	50			Ohms

机械特性 Mechanical :

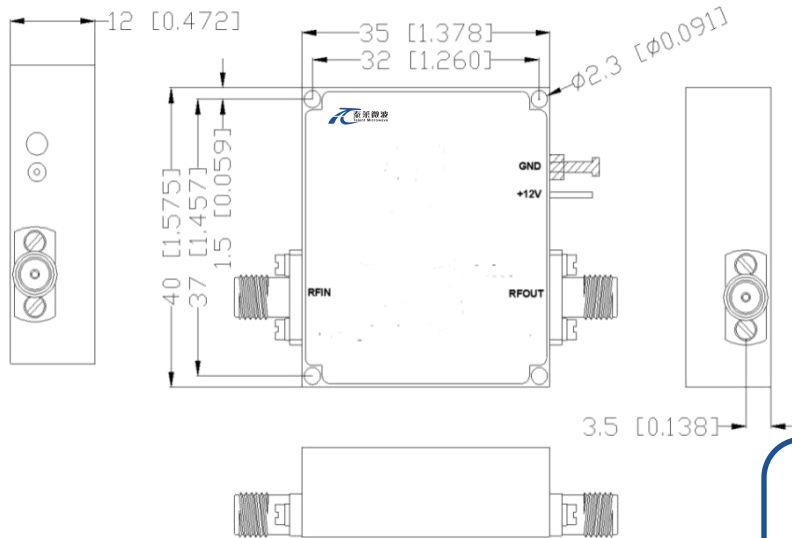
参数Parameter	指标 Value	单位Units
输入输出接口 Input /Output Connector	2.92mm-Female	
控制连接器 Control Connector	Pin	
尺寸 Size	/	mm
材质 Texture of wood	铜	

绝对最大值 Absolute Maximum Ratings:

参数Parameter	指标 Value
供电偏置电压 Supply Bias Voltage	TBD
输入功率 RF Input Power	26 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		%
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
TLVA0.1G40G-40-10	Voltage Controlled Attenuator 0.1-40 GHz, 40 dB Range,2.92mm-Female	Rev.1.1