

Model: TLVCO26G40G-16-S
**Voltage-controlled Oscillator
 26-40 GHz , +16 dBm Output Power**
Feature:

- Output Frequency: 26-40 GHz
- Output Power : 16dBm Typ
- Low power consumption
- 50 Ohm Matched Input / Output

电气特性 Electrical Specifications:

参数Parameter	Min.	Typ.	Max.	单位Units
输出频率 Output Frequency	26		40	GHz
输出功率 Output Power		+16		dBm
单边带相位噪声@100kHz SSB Phase Noise		-82		dBc/Hz
2次谐波抑制 2nd Harmonic Suppression		15		dBc
调谐电压 Tuning Voltage	0		+14	V DC
调谐灵敏度 Tuning Sensitivity	300		700	MHz/V
供电电压 DC Voltage		+5	+8	V
供电电流 DC Supply Current		180		mA
阻抗 Impedance		50		Ohms

机械特性 Mechanical Specifications:

参数Parameter	指标 Value	单位Units
输出接口 Output Connector	2.92mm Female	
输入接口 Input Connector	2.92mm Female	
直流偏置 Bias	Solder Pin	
尺寸 Size	26×25×10	mm

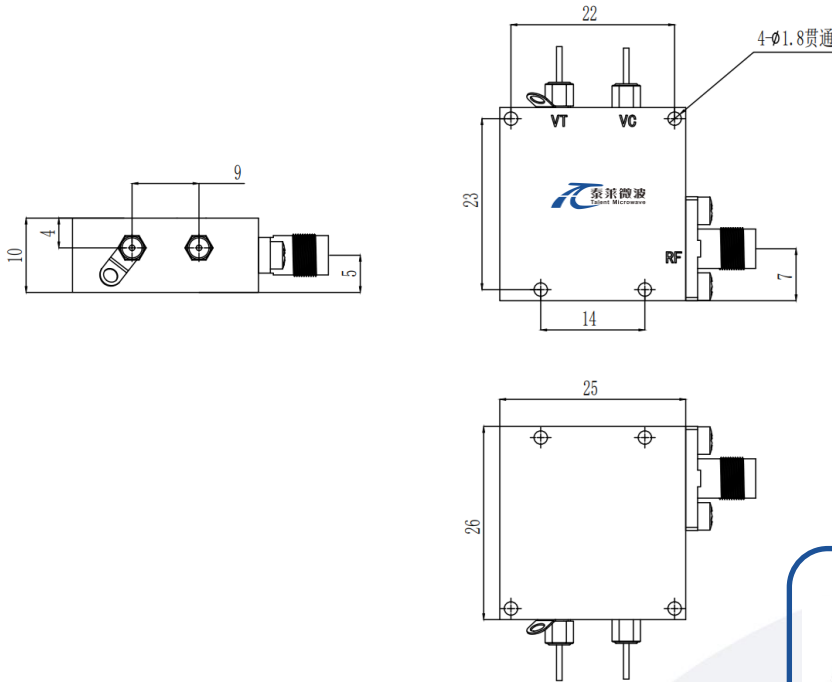

 Available 220V System
 Benchtop Amplifier

绝对最大值 Absolute Maximum Ratings:

参数Parameter	指标 Value
供电偏置电压 Supply Bias Voltage	+8 V
输入功率 RF Input Power	TBD
ESD灵敏度 ESD sensitivity (HBm)	Class 0, passed 150V

外形尺寸 Outline Drawing:

Unit: mm



OBSERVE PRECAUTIONS
ELECTROSTATIC SENSITIVE
DEVICES

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	-65		+150	°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
TLCAO26G40G-16-S	Voltage-controlled Oscillator 26-40 GHz ,+16 dBm Output Power	Rev.1.1