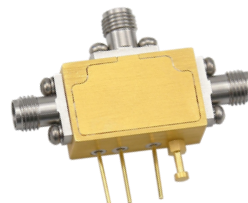


Model: TLSPDT57G64GA
**Absorption, Broadband PIN Switch
 57-64 GHz, SPDT, 1.85mm**
Feature:

- Ultra Wide Band: 57-64GHz
- Low Insertion Loss: 6.5 dB
- Power Handling : 20 dBm
- High Isolation
- Switch Type: Absorption


电气特性 Electrical:

参数Parameter	Min.	Typ.	Max.	单位Units
频率范围 Frequency range	57-64			GHz
插损 Insertion Loss		6.5		dB
隔离 Isolation	45			dB
切换速度 Switch Speed		100		ns
输入驻波 Input VSWR		3		:1
输出驻波 Output VSWR		3		:1
耐功率 Power Handling			20	dBm
控制逻辑电平Control Logic TTL		0/+5		V DC
直流电流 DC Supply Current		100/50		mA
阻抗 Impedance	50			Ohms

机械特性 Mechanical :

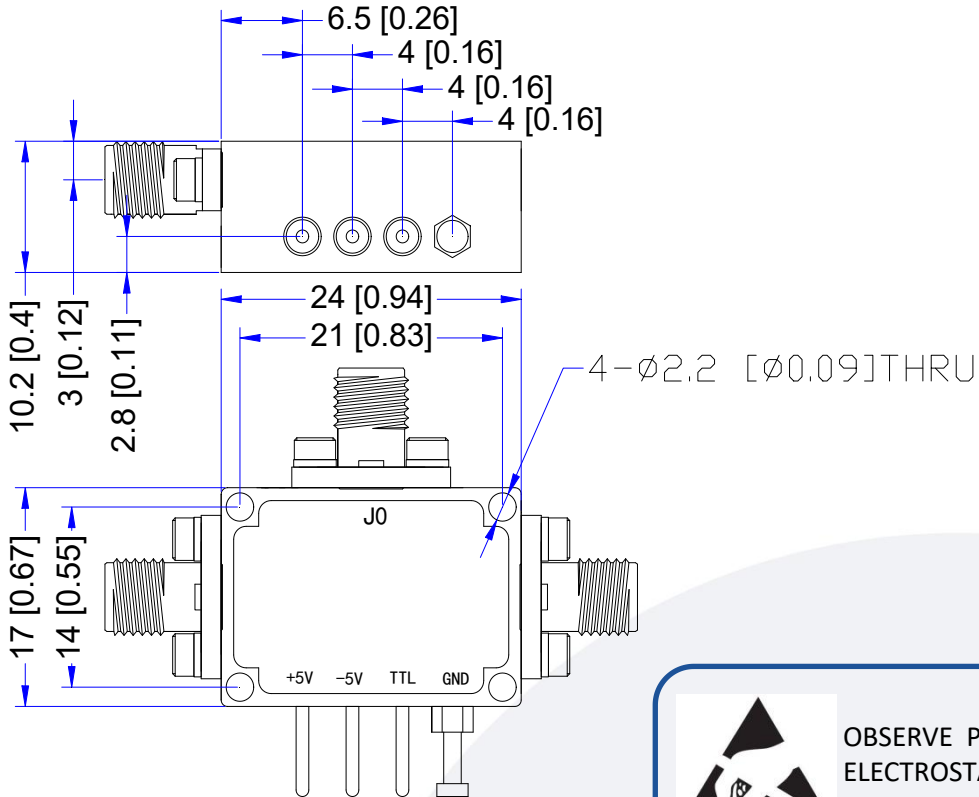
参数Parameter	指标 Value	单位Units
输入输出接口Input /Output Connector	1.85mm Female	
直流控制接口Control Bias	Solder Pin	
尺寸 Size	24*17*10.2	mm
重量 Weight	TBD	g

绝对最大值 Absolute Maximum Ratings:

参数Parameter	指标 Value
供电偏置电压 Supply Bias Voltage	+/-5%
输入功率 RF Input Power	20 dBm
ESD灵敏度 ESD sensitivity (HBm)	Class 0, passed 150V

外形尺寸 Outline Drawing:

Unit: mm(Inches)



OBSERVE PRECAUTIONS
ELECTROSTATIC SENSITIVE
DEVICES

真值表 Truth Table		TTL Control Voltages &VDD	
Control TTL Input	Signal Path State	Stage	Bias Condition
		VDD	+5V (\pm 5%)
		VEE	-5V (\pm 5%)
C1			
0	J0-J1	LOW	0 to 0.8Vdc
1	J0-J2	High	2.0 to +5.0Vdc

温度环境 Environmental Conditions:

参数Parameter	Min.	Typ.	Max.	单位Units
操作温度 Operating Temperature	-25		+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
TLSPDT57G64GA	Absorption,Broadband PIN Switch 57-64GHz,SPDT,1.85mm	Rev.1.1