

Model: TLSP8T26.5G40GA-50
**Absorption, Broadband PIN Switch
 26.5-40 GHz, SP8T, 2.92mm**
Feature:

- Ultra Wide Band: 26.5-40 GHz
- Low Insertion Loss: 9 dB
- Power Handling : 23 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	26.5-40			GHz
插损 Insertion Loss			9.0	dB
隔离 Isolation	50			dB
切换速度 Switch Speed			50	ns
输入驻波 Input VSWR		1.8	2.2	:1
输出驻波 Output VSWR		1.8	2.2	:1
耐功率 Power Handling			23	dBm
直流电压 DC Voltage		+/-5		V DC
直流电流 DC Supply Current		240/-40		mA
控制逻辑电平 Control Logic TTL		0/+5		V
阻抗 Impedance	50			Ohms

机械特性 Mechanical :

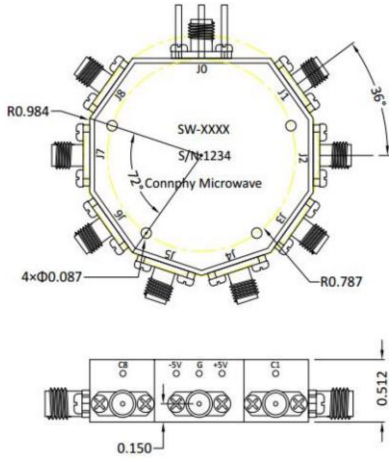
参数Parameter	指标 Value	单位Units
输入输出接口 Input /Output Connector	2.92mm Female	
直流控制接口 Control Bias	Welding pin	
尺寸 Size	-	mm
重量 Weight	TBD	g

绝对最大值 Absolute Maximum Ratings:

参数Parameter	指标 Value
供电偏置电压 Supply Bias Voltage	+/-10%
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								Signal Path State
TTL Control Input								
C8	C7	C6	C5	C4	C3	C2	C1	
1	1	1	1	1	1	1	0	J0-J1
1	1	1	1	1	1	0	1	J0-J2
1	1	1	1	1	0	1	1	J0-J3
1	1	1	1	0	1	1	1	J0-J4
1	1	1	0	1	1	1	1	J0-J5
1	1	0	1	1	1	1	1	J0-J6
1	0	1	1	1	1	1	1	J0-J7
0	1	1	1	1	1	1	1	J0-J8

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
TLSP8T26.5G40GA-50	Absorption, Broadband PIN Switch 26.5-40 GHz, SP8T, 2.92mm	Rev.1.1