

Model: TLSP4T10M8GA
**Absorption, Broadband PIN Switch
 10M-8GHz, SP4T, SMA**
Feature:

- Ultra Broadband: 10M-8GHz
- Low Insertion Loss: 2dB Typ
- Power Handling : 27dBm
- High Isolation
- Switch Type: Absorption

电气特性 Electrocal:

参数Parameter	Min.	Typ.	Max.	Units
频率范围 Frequency range	0.01-8			GHz
隔离 Isolation		55		dB
插损 Insertion Loss		2		dB
输入驻波 Input VSWR		1.8		:1
输出驻波 Output VSWR		1.8		:1
切换速度 Switch Speed		100		ns
最大输入功率 RF Input Power			27	dBm
直流电压 DC Voltage		+5/-5		V DC
控制逻辑 TTL	"0"=Low;"1"=High			V
直流电流 DC Supply Current		20		mA
阻抗 Impedance	50			Ohms

机械特性 Mechanical :

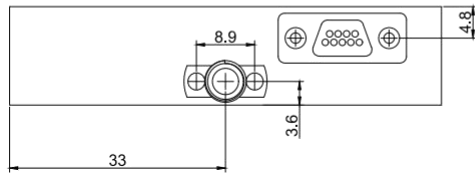
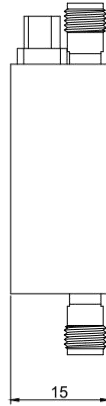
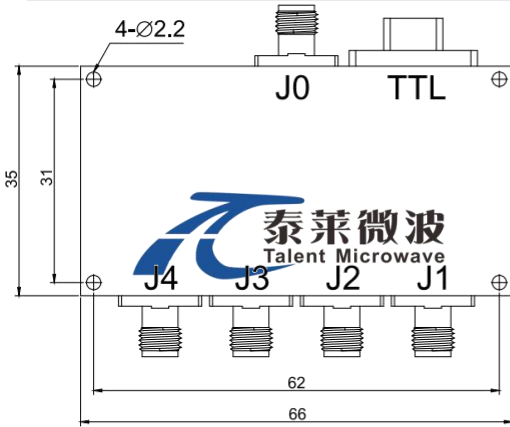
参数Parameter	Specification	Units
输入输出接口 Input /Output Connector	SMA Female	
直流偏置 Bias	Solder Pin	
尺寸 Size	66*35*15	mm
重量 Weight	/	g

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	27 dBm
ESD灵敏度 ESD sensitivity (HBm)	Class 0, passed 150V

外形尺寸 Outline Drawing:

Unit: mm(inches)



真值表 Truth Table		
TTL Control Input		Signal Path State
C2	C1	
0	0	J0-J1
0	1	J0-J2
1	0	J0-J3
1	1	J0-J4



OBSERVE PRECAUTIONS
ELECTROSTATIC SENSITIVE
DEVICES

针PIN	1	2	3	4	6	7-9
功能Function	C1	C2	GND	+5V	-5V	NC

*****Heat Sink Required During Operation**

温度环境 Environmental Conditions:

参数Parameter	Min.	Typ.	Max.	Units
操作温度 Operating Temperature	-40		+85	°C
存储温度 Non-operating Temperature	-55		+125	°C
相对湿度 Relative humidity		95		%
海拔 Altitude	50000			feet
震动 Shock / Vibration(MIL-STD-810G)	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
TLSP4T10M8GA	Absorption, Broadband PIN Switch 10M-8GHz, SP4T, SMA Female	Rev.1.1