

**Model: TLSP8T0.5G18GA**
**SP8T,Absorption,Broadband PIN Switch,  
0.5-18GHz**
**Feature:**

- Ultra Broadband: 0.5-18GHz
- Low Insertion Loss: 5.1dB
- Power Handling : 23dBm
- High Isolation
- Switch Type: Absorption

**电气特性 Electrocal:**

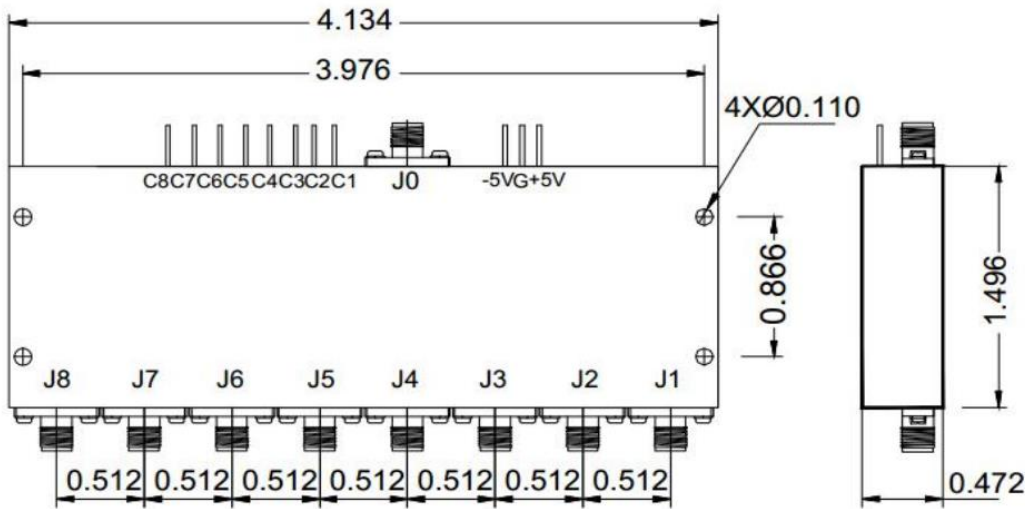
参数Parameter	Min.	Typ.	Max.	Units
频率范围 Frequency range	0.5-18			GHz
插损 Insertion Loss			5.1	dB
隔离 Isolation	80			dB
输入驻波 Input VSWR		1.8	2.2	:1
输出驻波 Output VSWR		1.8	2.2	:1
切换速度 Switch Speed			50	ns
最大输入功率RF Input Power			23	dBm
TTL逻辑 Control Logic TTL	Cn=0, Others=1; Path State: J0-Jn			
开关类型Switch Type	Absorption			
直流供电 DC Voltage	240mA @ $\pm 5$ V			
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	105X38X12	mm

外形尺寸 Outline Drawing:

Unit: (inches)



温度环境 Environmental Conditions:

参数Parameter	Min.	Typ.	Max.	单位Units
操作温度 Operating Temperature	-25		+75	°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
TLSP8T0.5G18GA	SP8T,Absorption,Broadband PIN Switch, 0.5-18GHz	Rev.1.1