

Model: TLMP5-18G-60-S

Adjustable Phase Shifter DC-18 GHz, 60°/GHz, SMA

Feature:

- Ultra Wide Band: DC-18 GHz
- Continuous Adjustment
- VSWR: 1.6 Max
- One rotation at 1.0GHz is approx. 2.4°
- 50 Ohm Matched Input / Output



电气特性 Electrical:

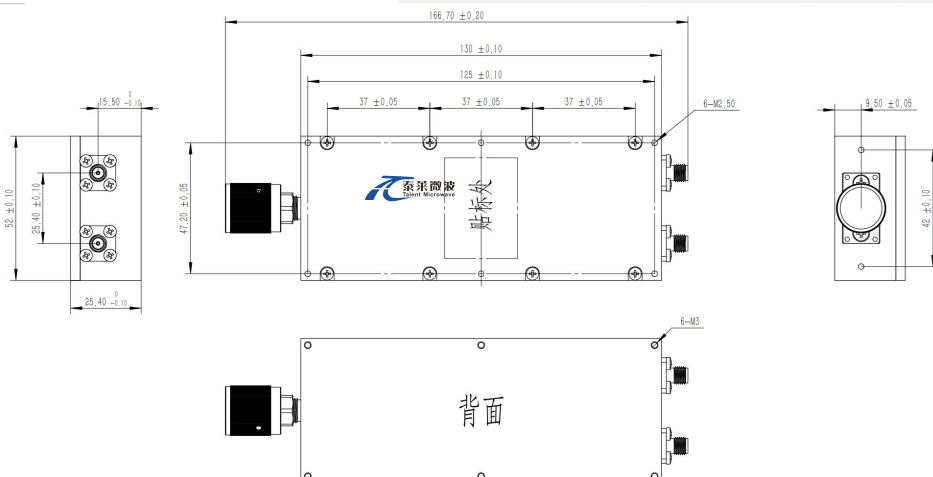
参数Parameter	Min.	Typ.	Max.	单位Units
频率范围 Frequency range	DC-18			GHz
相位可调范围 Phase Adjustment	0		60	deg/GHz
插损 Insertion Loss		1.0	1.5	dB
驻波 VSWR		1.3	1.6	:1
可调时延 Delay Time	0		169	ps
连续波输入功率 Input Power CW			100	Watts
脉冲输入功率 Input Power Peak			3	kWatts
阻抗 Impedance	50			Ohms

机械特性 Mechanical :

参数Parameter	指标 Value	单位Units
输入输出接口 Input /Output Connector	SMA Female	
尺寸 Size	166.7*52*25.4	mm
重量 Weight	/	g

外形尺寸 Outline Drawing:

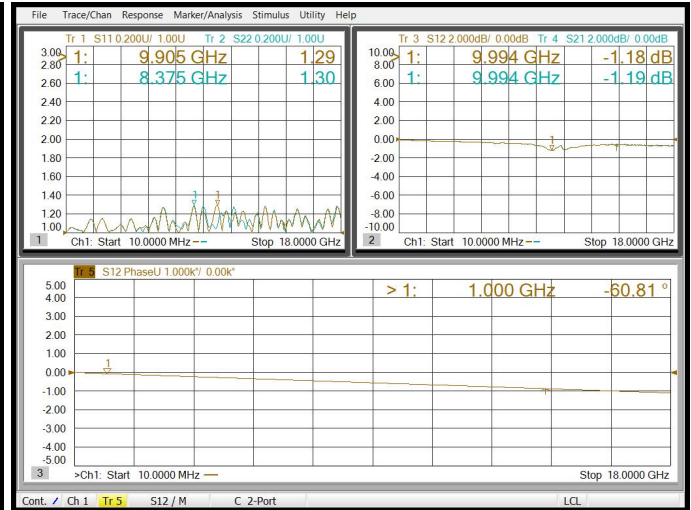
Unit: mm



典型曲线 Typical Performance Data:



插损和驻波@最小移相



插损和驻波@最大移相

温度环境 Environmental Conditions:

参数Parameter	Min.	Typ.	Max.	单位Units
操作温度 Operating Temperature	-55		+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
TLMP5-18G-60-S	Adjustable Phase Shifter DC-18 GHz, 60°/GHz, SMA	Rev.1.1