

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. 1.2°
- 50 Ohm Matched Input / Output



电气特性 Electrical:

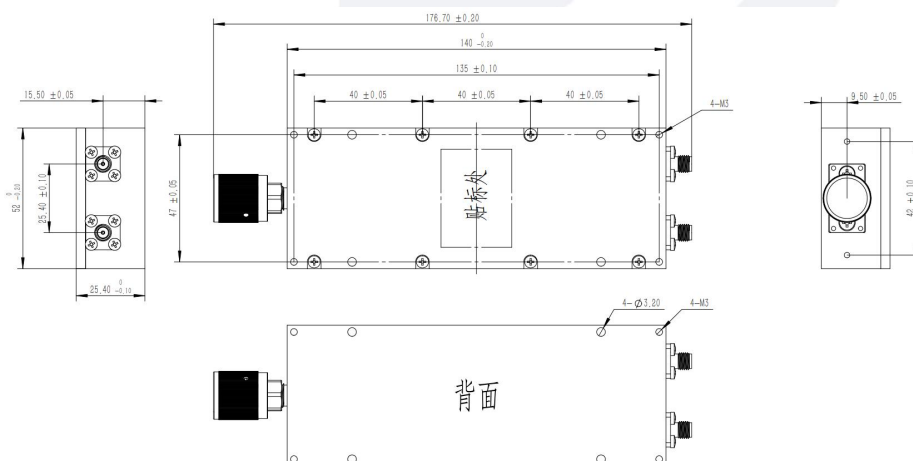
| 参数Parameter | Min. | Typ. | Max. | 单位Units |
|-------------------------|-------|------|------|---------|
| 频率范围 Frequency range | DC-18 | | | GHz |
| 相位可调范围 Phase Adjustment | 0 | | 60 | deg/GHz |
| 插损 Insertion Loss | | 1.0 | 1.5 | dB |
| 驻波 VSWR | | 1.3 | 1.6 | :1 |
| 可调时延 Delay Time | 0 | | 169 | ps |
| 连续波输入功率 Input Power CW | | | 100 | Wstts |
| 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 | 176.7*52*25.4 | mm |
| 重量 Weight | / | g |

外形尺寸 Outline Drawing:

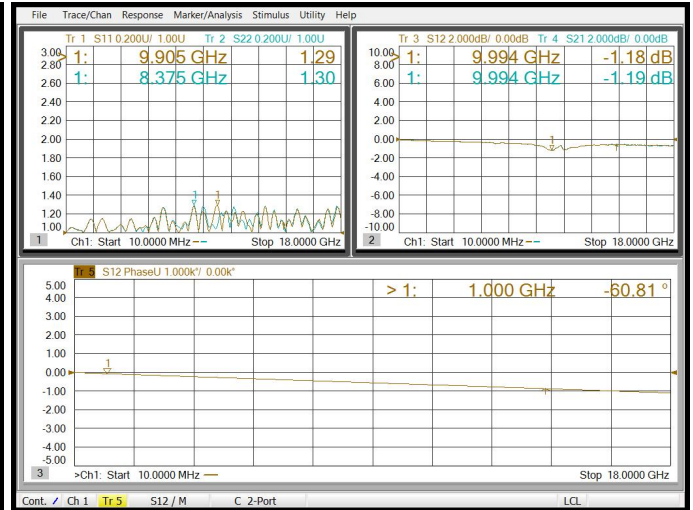
Unit: mm



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 |
|------------------|---|-------------|
| TLMPS-18G-60-S | Adjustable Phase Shifter DC-18 GHz, 60°/GHz, SMA | Rev.1.2 |