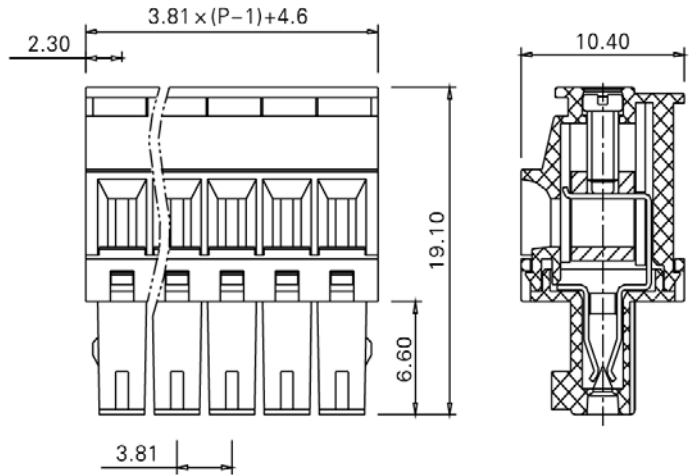




■ 图示(Pic. shown) : TLPS-100R-06P-G12S

|          |                                                     |
|----------|-----------------------------------------------------|
| General. | PCB Connector Rated : 160V,10A , 1.5mm <sup>2</sup> |
|          | Single row , 3.81mm pitch , 02-24 Pole              |
|          | Wiring orientation: 90°(wire to plug-in)            |
|          | Screw clamp unit: M2.0, 0.2Nm Max                   |

认证 ( Approval ) :



| 技术参数Technical Data                                       | UL standard          |    |      | IEC standard                                             |         |        |
|----------------------------------------------------------|----------------------|----|------|----------------------------------------------------------|---------|--------|
| UL应用组别(UL Application group)                             | UL Application group |    |      | IEC过电压别/污染等级(IEC overvoltage category /pollution degree) |         |        |
| IEC过电压别/污染等级(IEC overvoltage category /pollution degree) | B                    | C  | D    | III / 3                                                  | III / 2 | II / 2 |
| 额定电压(Rated voltage)                                      | 300V                 | -- | 300V | --                                                       | 160V    | --     |
| 额定电流(Rated current)                                      | 8A                   | -- | 8A   | --                                                       | 10A     | --     |
| 额定连接容量(Rated connection capacity)                        | 30-14AWG Sol&Str     |    |      | 0.34-1.5mm <sup>2</sup>                                  |         |        |
| 绝缘材料(Insulation Material)                                |                      |    |      | PA66 UL94 V-0                                            |         |        |
| 电流承载部件材料和镀层( Material & Plating of Current carrier )     |                      |    |      | Copper alloy , Tin plated                                |         |        |
| 接线弹片材料(Material of Clamp spring )                        |                      |    |      | --                                                       |         |        |
| 绝缘电阻(Insulation Resistance)                              |                      |    |      | 500MΩ or more at DC500V                                  |         |        |
| 耐电压(1分钟)(Withstanding Voltage/1Min)                      |                      |    |      | 2000V                                                    |         |        |
| 额定冲击电压(Rated surge voltage)                              |                      |    |      | --                                                       |         |        |
| 接线螺丝(Wire clamp unit Screw) , 最大扭矩( torque Max. )        |                      |    |      | M2.0 , 0.2Nm Max                                         |         |        |
| 固定螺丝(Mounting Screw) , 扭矩(torque)                        |                      |    |      | --                                                       |         |        |
| 剥线长度(Wire stripping length)                              |                      |    |      | 7.0mm                                                    |         |        |
| 使用温度(Operating temperature)                              |                      |    |      | -40°C up to +105°C                                       |         |        |
| 焊接方式(Soldering recommend)                                |                      |    |      | --                                                       |         |        |

■ 订购方式(How to order)

|                   |                     |                                |                                                 |                                                        |                              |                           |                                   |
|-------------------|---------------------|--------------------------------|-------------------------------------------------|--------------------------------------------------------|------------------------------|---------------------------|-----------------------------------|
| TLPS              | 1                   | 00                             | R                                               | XXXX                                                   | XXP                          | G12                       | S                                 |
| Series No.<br>系列号 | Pitch间距<br>1=3.81mm | Differentiate<br>Number<br>区分号 | Connection angle<br>角度 R=90°<br>wire to plug-in | Special code 特编号<br>XXXX=custom-made<br>blank=standard | No. of Poles<br>极数<br>02-24P | Color<br>颜色<br>Green: G12 | Screw Type<br>螺丝S=Slot<br>C=Cross |

## 针座 ( Pin header ) — single row



P/N : TLPHC-100V  
Orientation :  
90° ( plug-in to board )  
Rated:150V,10A  
Closed side



P/N : TLPHC-100R  
Orientation :  
180° ( plug-in to board )  
Rated:150V,10A  
Closed side

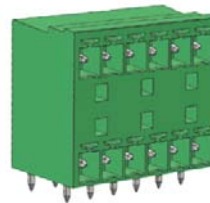


P/N : TLPHC-104  
Orientation :  
135° ( plug-in to board )  
Rated:250V,10A  
Closed side

## 针座 ( Pin header ) — dual row in 1 plane



P/N : TLPHDC-108V  
Orientation :  
90° ( plug-in to board )  
Rated:160V,8A  
Closed side



P/N : TLPHDC-108R  
Orientation :  
180° ( plug-in to board )  
Rated:160V,8A  
Closed side

## 针座 ( Pin header ) — dual row staggered



P/N : TLPHDC-105V  
Orientation :  
90° ( plug-in to board )  
Rated:160V,8A  
Closed side



P/N : TLPHDC-105R  
Orientation :  
180° ( plug-in to board )  
Rated:160V,8A  
Closed side