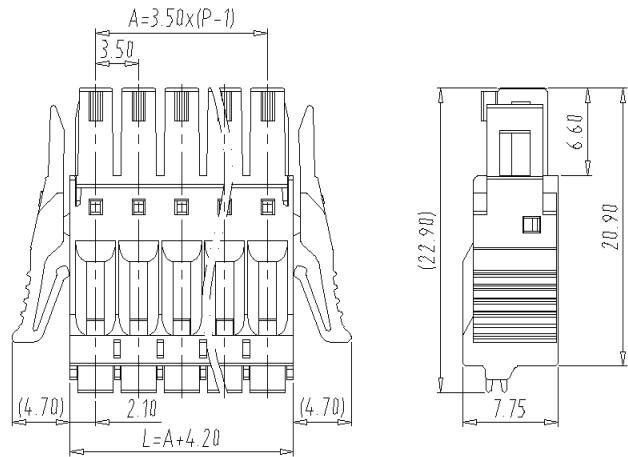




■ 图示(Pic. shown) : TLP SL-007-04P-G12

|          |                                                     |
|----------|-----------------------------------------------------|
| General. | PCB Connector Rated : 160V,10A , 1.5mm <sup>2</sup> |
|          | Single row , 3.50mm pitch , 02 ~ 24 Pole            |
|          | Wiring orientation: 180°(wire to plug-in )          |
|          | Spring clamp unit.                                  |

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                                                     | 160V    | 320V   |
| 额定电流(Rated current)                                                                                                         | 8A                   | -- | 8A   | 10A                                                      | 10A     | 10A    |
| 额定连接容量(Rated connection capacity)                                                                                           | 28 ~ 16AWG           |    |      | 0.34 ~ 1.5mm <sup>2</sup>                                |         |        |
| 刚性导线横截面 ( AWG ) ( Conductor cross section,solid )                                                                           |                      |    |      | 28~16                                                    |         |        |
| 柔性导线横截面 ( AWG ) ( Conductor cross section,stranded )                                                                        |                      |    |      | 28~16                                                    |         |        |
| 刚性导线横截面 ( mm2 ) ( Conductor cross section,rigid )                                                                           |                      |    |      | 0.34 ~ 1.5                                               |         |        |
| 柔性导线横截面 ( mm2 ) ( Conductor cross section,flexible )                                                                        |                      |    |      | 0.34 ~ 1.5                                               |         |        |
| 柔性导线横截面, 不带绝缘套管的冷压头(mm2)<br>(Conductor cross section flexible , with ferrule without plastic sleeve)                        |                      |    |      | 0.34 ~ 1.5                                               |         |        |
| 柔性导线横截面, 带绝缘套管的冷压头(mm2)<br>(Conductor cross section flexible , with ferrule with plastic sleeve)                            |                      |    |      | 0.34~0.75                                                |         |        |
| 2根具有相同横截面的导线, 柔性, 带TWIN套管及塑料套管(mm2)<br>( 2 conductors with the same section flexible with TWIN ferrule and plastic sleeve ) |                      |    |      | --                                                       |         |        |
| 绝缘材料(Insulation Material)                                                                                                   |                      |    |      | PA66 UL94 V-0                                            |         |        |
| 绝缘材料组别(Material group)                                                                                                      |                      |    |      | I                                                        |         |        |
| 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 )                                                                                           |                      |    |      | Stainless                                                |         |        |
| 耐电压(1分钟)(Withstanding Voltage/1Min)                                                                                         |                      |    |      | 1600V                                                    |         |        |
| 额定冲击电压(Rated surge voltage)                                                                                                 |                      |    |      | 2500V                                                    |         |        |
| 接线螺丝(Wire clamp unit Screw) , 最大扭矩( torque Max. )                                                                           |                      |    |      | /                                                        |         |        |
| 固定螺丝(Mounting Screw) , 扭矩(torque)                                                                                           |                      |    |      | --                                                       |         |        |
| 剥线长度(Wire stripping length)                                                                                                 |                      |    |      | 9.5 ~ 10.5mm                                             |         |        |
| 使用温度(Operating temperature)                                                                                                 |                      |    |      | -40°C up to +115°C (UL)/-40°C up to +120°C (IEC)         |         |        |
| 存储温度(Storage temperature)                                                                                                   |                      |    |      | -40°C up to +70°C                                        |         |        |
| 存储相对湿度(Storage relative humidity)                                                                                           |                      |    |      | ≤70%                                                     |         |        |
| 焊接方式(Soldering recommend)                                                                                                   |                      |    |      | --                                                       |         |        |

## ■ 订购方式(How to order)

|                   |                     |                                |                                                        |                                |                           |
|-------------------|---------------------|--------------------------------|--------------------------------------------------------|--------------------------------|---------------------------|
| TLPSL             | 0                   | 07                             | XXXX                                                   | XXP                            | X                         |
| Series No.<br>系列号 | Pitch间距<br>0=3.50mm | Differentiate<br>Number<br>区分号 | 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 |

## 针座 ( Pin header ) — single row



P/N : TLPHL-001V  
Orientation :  
90° ( plug-in to board )  
Rated:160V,10A



P/N : TLPHL-001R  
Orientation :  
180° ( plug-in to board )  
Rated : 160V,10A

## 针座 ( Pin header ) — single row



P/N : TLPHL-001V-XXP-HT  
Orientation :  
90° ( plug-in to board )  
Rated:320V,10A



P/N : TLPHL-001R-XXP-HT  
Orientation :  
180° ( plug-in to board )  
Rated : 320V,10A

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



P/N : TLPHDL-007V  
Orientation :  
90° ( plug-in to board )  
Rated : 160V,10A



P/N : TLPHDL-007R  
Orientation :  
180° ( plug-in to board )  
Rated : 160V,10A

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



P/N : TLPHDL-007V-XXP-HT  
Orientation :  
90° ( plug-in to board )  
Rated : 160V,10A



P/N : TLPHDL-007R-XXP-HT  
Orientation :  
180° ( plug-in to board )  
Rated : 160V,10A