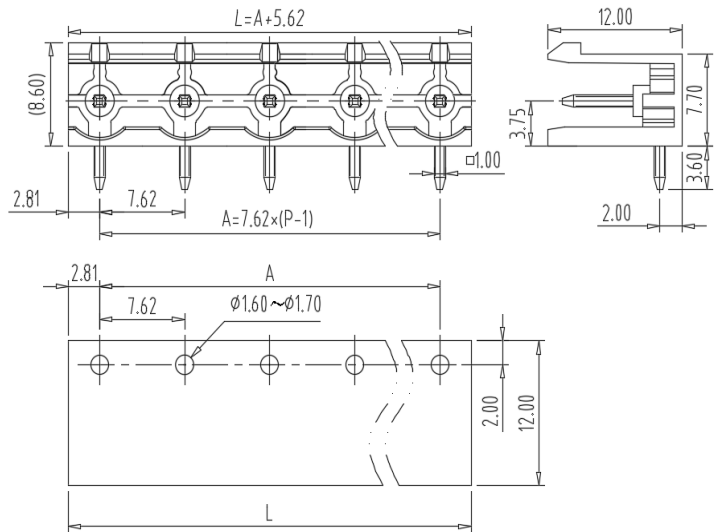
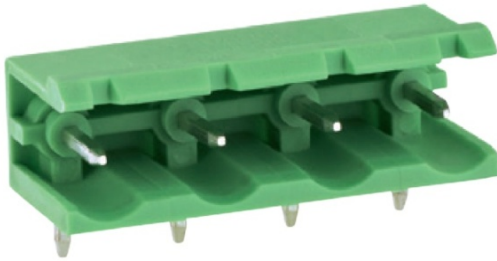


## PCB Connector — TLP series (Pinheader) — TLPH-500R



## ■ 图示(Pic. shown) : TLPH-500R-04P-G12

General.

PCB Connector Rated : 630V,20A  
Single row , 7.62mm pitch , 02-12 Pole  
Orientation:180°(plug-in to board)

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                                                |                                                          |      |       |
| 额定电压(Rated voltage)                                      |  | 300V                         | 150V | 300V                                             | 500V                                                     | 630V | 1000V |
| 额定电流(Rated current)                                      |  | 16A                          | 16A  | 10A                                              | 20A                                                      | 20A  | 20A   |
| 额定连接容量(Rated connection capacity)                        |  | --                           |      |                                                  | --                                                       |      |       |
| 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 )                        |  |                              |      | --                                               |                                                          |      |       |
| 耐电压(1分钟)(Withstanding Voltage/1Min)                      |  |                              |      | 3300V                                            |                                                          |      |       |
| 额定冲击电压(Rated surge voltage)                              |  |                              |      | 6000V                                            |                                                          |      |       |
| 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)                              |  |                              |      | --                                               |                                                          |      |       |
| 使用温度(Operating temperature)                              |  |                              |      | -40°C up to +105°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)                                |  | Wave soldering ,260°C 8S Max |      |                                                  |                                                          |      |       |

## ■ 订购方式(How to order)

|                   |   |                     |   |                                |   |                                                   |   |                                                        |   |                              |   |                            |
|-------------------|---|---------------------|---|--------------------------------|---|---------------------------------------------------|---|--------------------------------------------------------|---|------------------------------|---|----------------------------|
| TLPH              | — | 5                   | — | 00                             | — | R                                                 | — | XXXX                                                   | — | XXP                          | — | X                          |
| Series No.<br>系列号 |   | Pitch间距<br>5=7.62mm |   | Differentiate<br>Number<br>区分号 |   | Connection angle<br>角度 R=180°<br>plug-in to board |   | Special code 特编号<br>XXXX=custom-made<br>blank=standard |   | No. of Poles<br>极数<br>02-12P |   | Color<br>颜色<br>Green : G12 |

## ■ 编码片 Coding key



P/N:  
TLPCK-003-S

## ■ 插头 ( Female Connector ) — single row



P/N : TLPS-500V  
Wiring orientation :  
180°(wire to plug-in )  
Rated : 630V,20A , 4mm<sup>2</sup>  
Screw clamp unit: M3 , 0.5Nm



P/N : TLPS-500R  
Wiring orientation :  
90°(wire to plug-in )  
Rated : 630V,20A , 4mm<sup>2</sup>  
Screw clamp unit: M3 , 0.5Nm

## ■ 插头 ( Female Connector ) — single row



P/N : TLPS-500RL  
Wiring orientation :  
270°(wire to plug-in )  
Rated : 630V,20A , 4 mm<sup>2</sup>  
Screw clamp unit: M3 , 0.5N.m



P/N : TLPS-502  
Wiring orientation :  
180°(wire to plug-in )  
Rated : 1000V,20A , 4mm<sup>2</sup>  
Screw clamp unit: M3 , 0.7Nm