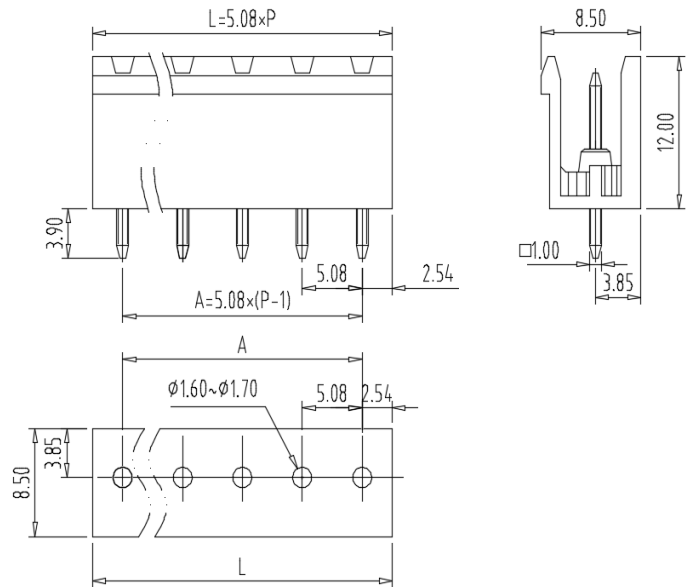
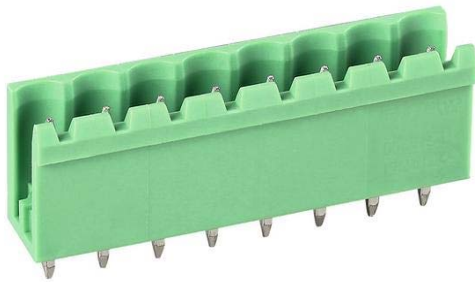


## PCB Connector — TLP series ( Pin header )— TLPH-300V-1112



## ■ 图示(Pic. shown) : TLPH-300V-1112-08P-G12

General.

PCB Connector Rated : 630V,20A  
Single row , 5.08mm pitch , 02-24 Pole  
Orientation:90°(plug-in to board)

认证 ( Approval ) :



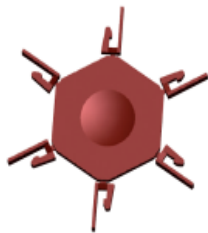
## ■ 技术参数Technical Data

| ■ 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                         | -- | 300V                                             | 250V                                                     | 320V | 630V |
| 额定电流(Rated current)                                      |  | 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)                      |  |                              |    | 2000V                                            |                                                          |      |      |
| 额定冲击电压(Rated surge voltage)                              |  |                              |    | 4000V                                            |                                                          |      |      |
| 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 +115°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              | — | 3                   | — | 00                             | — | V                                                | — | XXXX                                                  | — | XXP                          | — | X                          |
| Series No.<br>系列号 |   | Pitch间距<br>3=5.08mm |   | Differentiate<br>Number<br>区分号 |   | Connection angle<br>角度 V=90°<br>plug-in to board |   | Special code 特编号<br>XXXX=custom-made<br>1112=standard |   | No. of Poles<br>极数<br>02-24P |   | 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-300V  
Wiring orientation :  
180°(wire to plug-in )  
Rated : 320V,20A , 4mm<sup>2</sup>  
Screw clamp unit: M3 , 0.5N·m



P/N : TLPS-300R  
Wiring orientation :  
90°(wire to plug-in )  
Rated : 320V,20A , 4mm<sup>2</sup>  
Screw clamp unit: M3 , 0.5N·m

## ■ 插头 ( Female Connector ) — single row



P/N : TLPS-300RL  
Wiring orientation :  
90°(wire to plug-in )  
Rated : 630V,16A , 4mm<sup>2</sup>  
Screw clamp unit: M3 , 0.5N·m

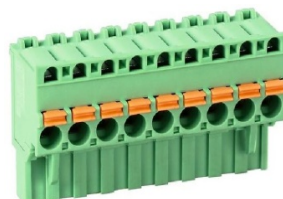


P/N : TLPS-301  
Wiring orientation :  
180°(wire to plug-in )  
Rated : 320V,20A , 2.5mm<sup>2</sup>  
Screw clamp unit: M2.5 , 0.4N·m

## ■ 插头 ( Female Connector ) — single row



P/N : TLPS-302V  
Wiring orientation :  
180°(wire to plug-in )  
Rated : 320V,15A , 2.5mm<sup>2</sup>  
Spring clamp unit.



P/N : TLPS-302R  
Wiring orientation :  
90°(wire to plug-in )  
Rated :630V,15A , 2.5mm<sup>2</sup>  
Spring clamp unit.

## ■ 插头 ( Female Connector ) — single row



P/N : TLPS-302RL  
Wiring orientation :  
90°(wire to plug-in )  
Rated : 630V,15A , 2.5mm<sup>2</sup>  
Spring clamp unit.



P/N : TLPS-305V  
Orientation :  
90° ( plug-in to board )  
Rated : 630V,20A

## ■ 插头 ( Female Connector ) — single row



P/N : TLPS-305V  
Orientation :  
180° ( plug-in to board )  
Rated : 630V,20A



P/N : TLPS-308  
Wiring orientation :  
45°(wire to plug-in )  
Rated : 630V,18A , 4mm<sup>2</sup>  
Screw clamp unit: M3 , 0.5N·m

## ■ 插头 ( Female Connector ) — single row



P/N : TLPS-309  
Wiring orientation :  
180°(wire to plug-in )  
Rated : 320V,15A , 2.5mm<sup>2</sup>  
Spring clamp unit.



P/N : TLPS-312V  
Wiring orientation :  
180°(wire to plug-in )  
Rated : 630V,20A , 4mm<sup>2</sup>  
Screw clamp unit: M3 , 0.5N·m