

■ 图示(Pic. shown) : TLPS-003-03P-G12S

General: PCB Connector Rated : 300V,10A  
Single row, 3.50mm pitch, 02-24 Pole  
Wiring orientation: 90°(wire to plug-in )  
Screw clamp unit: M0, 0.2 ~ 0.25N.m

认证 ( Approval ) :

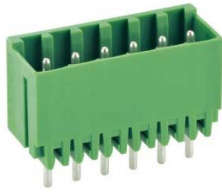


| ■ 技术参数Technical Data                                                                                                      | UL standard          |    |      | IEC standard                                             |         |        |
|---------------------------------------------------------------------------------------------------------------------------|----------------------|----|------|----------------------------------------------------------|---------|--------|
| 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 | --                                                       | --      | --     |
| 额定电流(Rated current)                                                                                                       | 10A                  | -- | 10A  | --                                                       | --      | --     |
| 额定连接容量(Rated connection capacity)                                                                                         | 26 ~ 16 AWG          |    |      | --                                                       |         |        |
| 刚性导线横截面 ( AWG ) ( Conductor cross section,solid )                                                                         |                      |    |      | 26~16                                                    |         |        |
| 柔性导线横截面 ( AWG ) ( Conductor cross section,stranded )                                                                      |                      |    |      | 26~16                                                    |         |        |
| 刚性导线横截面 ( mm2 ) ( Conductor cross section,rigid )                                                                         |                      |    |      | --                                                       |         |        |
| 柔性导线横截面 ( mm2 ) ( Conductor cross section,flexible )                                                                      |                      |    |      | --                                                       |         |        |
| 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                              |                      |    |      | --                                                       |         |        |
| 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)                          |                      |    |      | --                                                       |         |        |
| 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 )                                                                                         |                      |    |      | --                                                       |         |        |
| 耐电压(1分钟)(Withstanding Voltage/1Min)                                                                                       |                      |    |      | 1600V                                                    |         |        |
| 额定冲击电压(Rated surge voltage)                                                                                               |                      |    |      | --                                                       |         |        |
| 接线螺丝(Wire clamp unit Screw), 最大扭矩( torque Max. )                                                                          |                      |    |      | M2, 0.2~0.25N.m                                          |         |        |
| 固定螺丝(Mounting Screw), 扭矩(torque)                                                                                          |                      |    |      | --                                                       |         |        |
| 剥线长度(Wire stripping length)                                                                                               |                      |    |      | 4 ~ 5 mm                                                 |         |        |
| 使用温度(Operating temperature)                                                                                               |                      |    |      | -40°C up to +115°C                                       |         |        |
| 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)

|                   |   |                     |   |                                |   |                                                        |   |                                |   |                            |   |                                   |
|-------------------|---|---------------------|---|--------------------------------|---|--------------------------------------------------------|---|--------------------------------|---|----------------------------|---|-----------------------------------|
| TLPS              | — | 0                   | — | 03                             | — | XXXX                                                   | — | XXP                            | — | X                          | — | 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 |   | Screw Type<br>螺丝S=Slot<br>C=Cross |

## ■ 针座 ( Pin header ) — single row



P/N : TLPHC-003V  
Orientation :  
90° ( plug-in to board )  
Rated:160V,10A  
Closed side