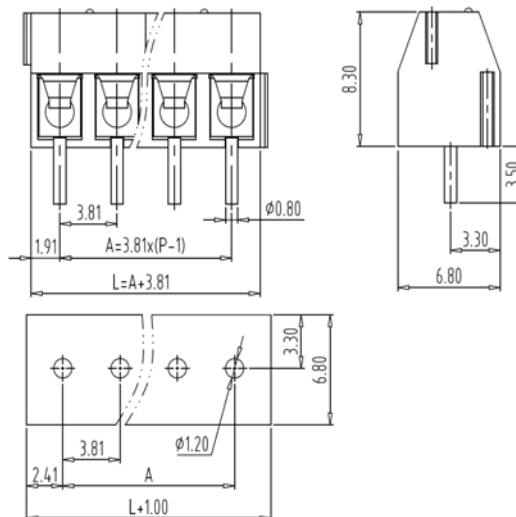




■ 图示(Pic. shown) : TL100V-05P-KS

General.

PCB terminal block Rated :160V,13.5A , 1mm<sup>2</sup>  
Single row , 3.81mm pitch , 02P-24P Pole  
Wiring orientation: 180°(wire-to-board)  
Screw clamp unit: M2, 0.2Nm

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)                                                                                                       | 10A                                                                   | --                       | 10A  | --                                                       | 13.5A   | --     |
| 额定连接容量(Rated connection capacity)                                                                                         | 24~16AWG                                                              |                          |      | 0.25~1mm²                                                |         |        |
| 刚性导线横截面 ( AWG ) ( Conductor cross section,solid )                                                                         |                                                                       | 24~16                    |      |                                                          |         |        |
| 柔性导线横截面 ( AWG ) ( Conductor cross section,stranded )                                                                      |                                                                       | 24~16                    |      |                                                          |         |        |
| 刚性导线横截面 ( mm2 ) ( Conductor cross section,rigid )                                                                         |                                                                       | 0.25~1                   |      |                                                          |         |        |
| 柔性导线横截面 ( mm2 ) ( Conductor cross section,flexible )                                                                      |                                                                       | 0.25~1                   |      |                                                          |         |        |
| 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                                 |                                                                       | 0.25~0.5                 |      |                                                          |         |        |
| 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)                             |                                                                       | 0.25~0.5                 |      |                                                          |         |        |
| 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)                                                                                       |                                                                       | 2000V                    |      |                                                          |         |        |
| 额定冲击电压(Rated surge voltage)                                                                                               |                                                                       | 2.5KV                    |      |                                                          |         |        |
| 接线螺丝(Wire clamp unit Screw)，最大扭矩( torque Max. )                                                                           |                                                                       | M2，0.2Nm                 |      |                                                          |         |        |
| 固定螺丝(Mounting Screw)，扭矩(torque)                                                                                           |                                                                       | --                       |      |                                                          |         |        |
| 剥线长度(Wire stripping length)                                                                                               |                                                                       | 5.0~6.0mm                |      |                                                          |         |        |
| 使用温度(Operating temperature)                                                                                               |                                                                       | -40℃ up to +105℃         |      |                                                          |         |        |
| 存储温度(Storage temperature)                                                                                                 |                                                                       | -40℃ up to +70℃          |      |                                                          |         |        |
| 存储相对湿度(Storage relative humidity)                                                                                         |                                                                       | ≤70%                     |      |                                                          |         |        |
| 焊接方式(Soldering recommend)                                                                                                 | Wave soldering ,260℃ 5S Max (Single Wave) , 260℃ 10S Max(Double Wave) |                          |      |                                                          |         |        |

## ■ 订购方式(How to order)

|                   |                     |                                |                                               |                                                        |                              |                         |                                   |
|-------------------|---------------------|--------------------------------|-----------------------------------------------|--------------------------------------------------------|------------------------------|-------------------------|-----------------------------------|
| TL                | 1                   | 00                             | V                                             | XXXX                                                   | XXP                          | X                       | 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V=180°<br>wire-to-board | 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>Black: K | Screw Type<br>螺丝S=Slot<br>C=Cross |