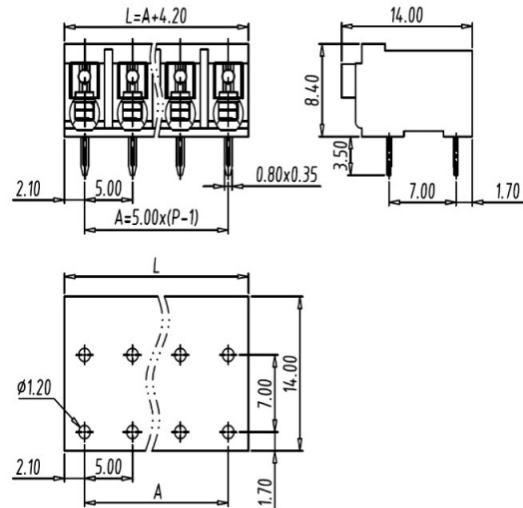


## PCB terminal block — TLM series ( Screwless Type ) — TLM-004RT-5.00



## ■ 图示(Pic. shown) : TLM-004RT-5.00-04P-K

General: PCB terminal block Rated : 320V,17.5A 1.5mm<sup>2</sup>  
Single row , 5.00mm pitch , 02-24 Pole  
Wiring orientation:180°(wire-to-board)  
Screwless Type

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                            | -- | 300V                        | 320V                                                     | 320V  | 630V  |
| 额定电流(Rated current)                                                                                                         |  | 12A                             | -- | 10A                         | 17.5A                                                    | 17.5A | 17.5A |
| 额定连接容量(Rated connection capacity)                                                                                           |  | 28-16AWG                        |    |                             | 0.2~1.5mm²                                               |       |       |
| 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 )                                                                           |  |                                 |    | 0.2~1.5                     |                                                          |       |       |
| 柔性导线横截面 ( mm2 ) ( Conductor cross section,flexible )                                                                        |  |                                 |    | 0.2~1.5                     |                                                          |       |       |
| 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                                |  |                                 |    | 0.2~1.0                     |                                                          |       |       |
| 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)                            |  |                                 |    | 0.2~0.75                    |                                                          |       |       |
| 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)                                                                                                   |  |                                 |    | PA-HT 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 )                                                                        |  |                                 |    | H-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)                                                                                                 |  |                                 |    | 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)                                                                                                 |  |                                 |    | 8.0-9.0mm                   |                                                          |       |       |
| 使用温度(Operating temperature)                                                                                                 |  |                                 |    | -40°C up to +130°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)                                                                                                   |  | Reflow soldering ,260°C 30S Max |    |                             |                                                          |       |       |

## ■ 订购方式(How to order)

|                   |   |                                |                                                |                                |   |                   |   |                                                        |   |                              |   |                        |
|-------------------|---|--------------------------------|------------------------------------------------|--------------------------------|---|-------------------|---|--------------------------------------------------------|---|------------------------------|---|------------------------|
| TLM               | — | 004                            | R                                              | T                              | — | 5.00              | — | XXXX                                                   | — | XXP                          | — | X                      |
| Series No.<br>系列号 |   | Differentiate<br>Number<br>区分号 | Connection angle<br>角度 R=180°<br>wire-to-board | Through hole<br>reflow<br>通孔回流 |   | Pitch间距<br>5.00mm |   | 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 |

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