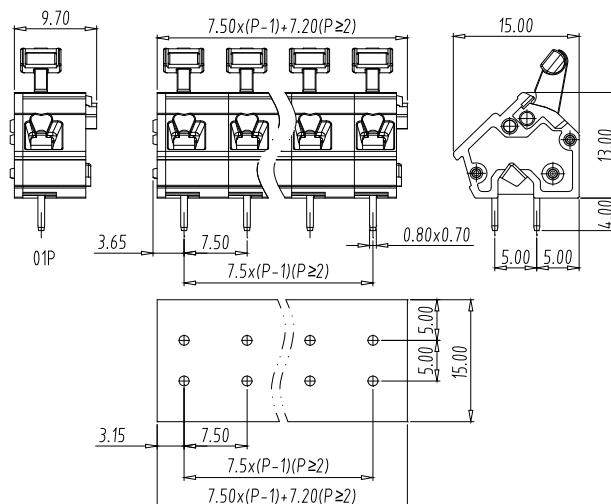


## PCB terminal block — TLM series ( Screwless Type ) — TLM-203B-7.5



■ 图示(Pic. shown) : TLM-203B-7.5-05P-M19

|          |                                          |                                    |
|----------|------------------------------------------|------------------------------------|
| General: | PCB terminal block                       | Rated :630V,24A 2.5mm <sup>2</sup> |
|          | Single row , 7.50mm pitch , 01 ~ 24 Pole |                                    |
|          | Wiring orientation:45°(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                                          | III / 3                                                  | III / 2 | II / 2 |
| 额定电压(Rated voltage)                                                                                                     |  | 300V                                                                  | -- | 300V                                       | --                                                       | 630V    | --     |
| 额定电流(Rated current)                                                                                                     |  | 15A                                                                   | -- | 10A                                        | --                                                       | 24A     | --     |
| 额定连接容量(Rated connection capacity)                                                                                       |  | 28AWG ~ 12AWG                                                         |    |                                            | 0.34mm² ~ 2.5mm²                                         |         |        |
| 刚性导线横截面 ( AWG ) ( Conductor cross section,solid )                                                                       |  |                                                                       |    | 28 ~ 12                                    |                                                          |         |        |
| 柔性导线横截面 ( AWG ) ( Conductor cross section,stranded )                                                                    |  |                                                                       |    | 28 ~ 12                                    |                                                          |         |        |
| 刚性导线横截面 ( mm2 ) ( Conductor cross section,rigid )                                                                       |  |                                                                       |    | 0.34 ~ 2.5                                 |                                                          |         |        |
| 柔性导线横截面 ( mm2 ) ( Conductor cross section,flexible )                                                                    |  |                                                                       |    | 0.34 ~ 2.5                                 |                                                          |         |        |
| 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 sleeve)                       |  |                                                                       |    | 0.34 ~ 1.5                                 |                                                          |         |        |
| 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)                           |  |                                                                       |    | 0.34 ~ 1.5                                 |                                                          |         |        |
| 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 )                                                                                       |  |                                                                       |    | Stainless Steel ( GrNi )                   |                                                          |         |        |
| 耐电压(1分钟)(Withstanding Voltage/1Min)                                                                                     |  |                                                                       |    | AC1600V                                    |                                                          |         |        |
| 额定冲击电压(Rated surge voltage)                                                                                             |  |                                                                       |    | 6KV                                        |                                                          |         |        |
| 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)                                                                                             |  |                                                                       |    | 5 ~ 6mm                                    |                                                          |         |        |
| 使用温度(Operating temperature)                                                                                             |  |                                                                       |    | -40℃ up to +120℃(IEC)/-40℃ up to +105℃(UL) |                                                          |         |        |
| 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)

|                   |                                |             |                             |                                                        |                           |                      |
|-------------------|--------------------------------|-------------|-----------------------------|--------------------------------------------------------|---------------------------|----------------------|
| TLM               | 203                            | B           | 7.5                         | XXXX                                                   | XXP                       | M19                  |
| Series No.<br>系列号 | Differentiate<br>Number<br>区分号 | LEVER<br>按键 | Pitch : 7.50mm<br>间距=7.50mm | Special code 特编号<br>XXXX=custom-made<br>blank=standard | No. of Poles 极数<br>01-24P | Color 颜色<br>Grey:M19 |