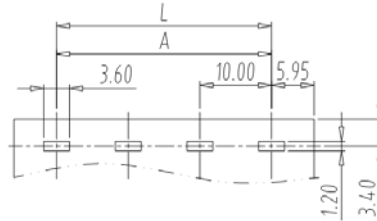
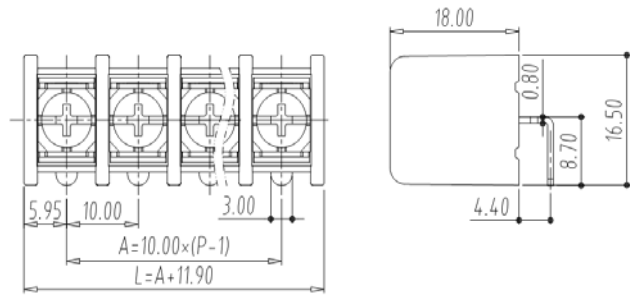


## PCB terminal block — BARRIER SERIES—B100-03-1538



## ■ 图示 (Pic. shown): B100-03-1538-05P-KC

|          |                             |                                     |
|----------|-----------------------------|-------------------------------------|
| General. | PCB terminal block          | Rated : 630V, 32A, 4mm <sup>2</sup> |
|          | Single row , 10.0mm pitch , | 02-12 Pole                          |
|          | Wiring Connection :         | 180° (wire to board)                |
|          | Screw clamp unit:           | M3.5 , 0.8~1.0N·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 /pollution degree)   | B                              | C  | D    |                                                           |      |      |
| 额定电压 (Rated voltage)                               | 300V                           | -- | 300V | 500                                                       | 630V | 1000 |
| 额定电流 (Rated current)                               | 25A                            | -- | 10A  | 32A                                                       | 32A  | 32A  |
| 额定连接容量 (Rated connection capacity)                 | 22~12AWG                       |    |      | 0.5~4mm²                                                  |      |      |
| 刚性导线横截面 (AWG) (Conductor cross section, solid)     |                                |    |      | 22~12                                                     |      |      |
| 柔性导线横截面 (AWG) (Conductor cross section, stranded)  |                                |    |      | 22~12                                                     |      |      |
| 刚性导线横截面 (mm2) (Conductor cross section, rigid)     |                                |    |      | 0.5~4                                                     |      |      |
| 柔性导线横截面 (mm2) (Conductor cross section, flexible)  |                                |    |      | 0.5~4                                                     |      |      |
| 绝缘材料 (Insulation Material)                         |                                |    |      | PA66 UL94V-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        |                                |    |      | 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)                       |                                |    |      | 6000V                                                     |      |      |
| 接线螺丝 (Wire clamp unit Screw), 最大扭矩 ( torque Max. ) |                                |    |      | M3.5 , 0.8~1.0N•m                                         |      |      |
| 固定螺丝 (Mounting Screw), 扭矩 (torque)                 |                                |    |      | --                                                        |      |      |
| 剥线长度 (Wire stripping length)                       |                                |    |      | 9~10mm                                                    |      |      |
| 使用温度 (Operating temperature)                       |                                |    |      | -40° C up to +105° 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)                         | Wave soldering , 260° C 8S Max |    |      |                                                           |      |      |

## ■ 订购方式 (How to order)

|                   |                     |   |                         |   |                                      |   |                              |   |                        |                             |
|-------------------|---------------------|---|-------------------------|---|--------------------------------------|---|------------------------------|---|------------------------|-----------------------------|
| B                 | 100                 | — | 03                      | — | 1538                                 | — | XXP                          | — | X                      | C                           |
| Series No.<br>系列号 | Pitch间距<br>P=10.0mm |   | Solder Pin Spec<br>焊针规格 |   | Special code 特编号<br>1538=custom-made |   | No. of Poles<br>极数<br>02-12P |   | Color<br>颜色<br>K=Black | Screw Type<br>螺丝<br>C=Cross |