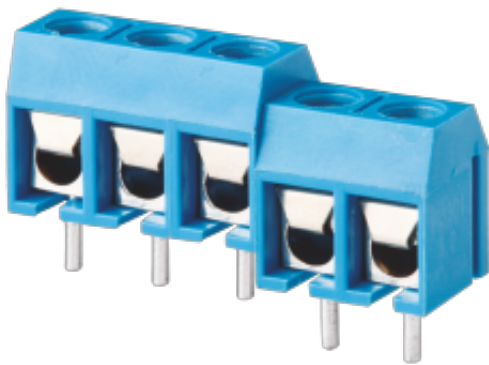


WJ301-5.0

PCB SCREW TERMINAL BLOCK

Download date : 2025-12-07



PCB terminal block  
Rated current: 16 A  
Rated voltage: 250 V  
Wire range: 22-14 AWG  
Pitch: 5.0 mm  
Mounting: Wave soldering



For reference only!version1.0

UL/CUL

| Use Group                    | B     | C | D   |
|------------------------------|-------|---|-----|
| Rate Voltage [V]             | 250   | - | 250 |
| Rated Current [A]            | 16    | - | 10  |
| Wire Range [AWG]             | 22~14 |   |     |
| Dielectric Voltage-Withstand | 1.5KV |   |     |

IEC

| Overvoltage Category                          | III     | III  | II   |
|-----------------------------------------------|---------|------|------|
| Contamination Class                           | 3       | 2    | 2    |
| Rated Voltage [V]                             | 250     | 400  | 630  |
| Rated Current [A]                             | 17.5    | 17.5 | 17.5 |
| Impulse withstand voltage [KV]                | 4       | 4    | 4    |
| Conductor cross section[solid/flexible] [mm²] | 0.5~1.5 |      |      |

Material

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|                              |              |
|------------------------------|--------------|
| Insulation Material          | PA66         |
| Flame retardant rating       | UL94V-0      |
| Conductor Material           | Copper alloy |
| Plating of conductor surface | Sn plated    |

Other Data

|                            |          |
|----------------------------|----------|
| Pitch/Poles [mm]/[P]       | 5.0/2~24 |
| Stripping Length [mm]      | 5~6      |
| Screw/Torque(Max)[N.m]     | M2.5/0.4 |
| Operating temperature [°C] | -40~+105 |
| Soldering temperature      | 260°C/5S |
| Pin dimensions [mm]        | Ø1.0     |
| PCB Hole Diameter [mm]     | Ø1.2     |

Dimensions

PCB opening diagram

