



PCB terminal block

Rated current: 20 A

Rated voltage: 300 V

Wire range: 26-12 AWG

Pitch: 7.5 mm

Mounting: Wave soldering



For reference only!version1.0

## UL/CUL

| Use Group                    | B     | C | D   |
|------------------------------|-------|---|-----|
| Rate Voltage [V]             | 300   | - | 300 |
| Rated Current [A]            | 20    | - | 10  |
| Wire Range [AWG]             | 26~12 |   |     |
| Dielectric Voltage-Withstand | 1.6KV |   |     |

## IEC

| Overvoltage Category                          | III     | III | II   |
|-----------------------------------------------|---------|-----|------|
| Contamination Class                           | 3       | 2   | 2    |
| Rated Voltage [V]                             | 450     | 630 | 1000 |
| Rated Current [A]                             | 24      | 24  | 24   |
| Impulse withstand voltage [KV]                | 6       | 6   | 6    |
| Conductor cross section[solid/flexible] [mm²] | 0.5~2.5 |     |      |

## Material

WJ105RA-7.5

PCB SCREW TERMINAL BLOCK

Download date : 2025-12-06



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

Other Data

|                            |          |
|----------------------------|----------|
| Pitch/Poles [mm]/[P]       | 7.5/1~30 |
| Stripping Length [mm]      | 9        |
| Screw/Torque(Max)[N.m]     | M2.5/0.4 |
| Operating temperature [°C] | -40~+105 |
| Soldering temperature      | 260°C/5S |
| Pin dimensions [mm]        | 0.8*0.8  |
| PCB Hole Diameter [mm]     | Ø1.4     |

Dimensions

PCB opening diagram

