

Rated current: 12A

Rated voltage: 300V

Use wire diameter: 20-12AWG

spacing:5.0mm

The catalog is for reference only. The actual specifications are subject to the product engineering drawings. version 1.0

## UL/CUL

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

## IEC

| Overvoltage Category | III | III | II |
|---|---|---|---|
| Contamination Class | 3 | 2 | 2 |
| Rated Voltage [V] | 250 | 320 | 630 |
| Rated Current [A] | 24 | 24 | 24 |

| | | | |
|---|---|---|---|
| Impulse withstand voltage [KV] | 4 | 4 | 4 |
| Conductor cross section [mm²] | 0.25~2.5 | | |

## Material

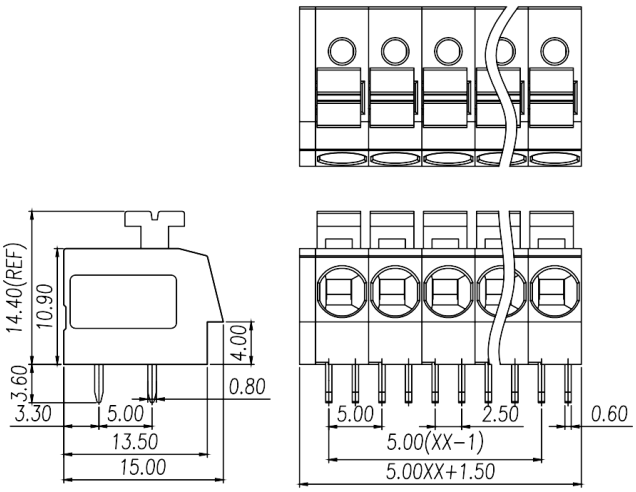
| | |
|---|---|
| Insulation Material | PA66 |
| Flame relardant rating | UL94V-0 |
| Conductor Material | Copper alloy |
| Plating of conductor surface | Sn plated |

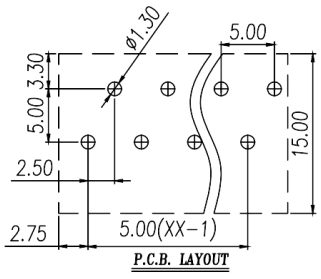
## Other Date

| | |
|---|---|
| Pitch/Poles [mm]/[P] | 5.0/1-30 |
| Stripping Length [mm] | 10-11 |
| Screw/Torque(Max)[N.m] | - |
| Operating temperature [℃] | -40～+105 |
| Soldering method | Wave soldering |
| Pin dimensions [mm] | 0.8*0.6 |
| PCB Hole Diameter [mm] | Ø1.3 |

## Dimensions

## PCB hole diagram


14.40(REF)
10.90
4.00
3.60
0.80
3.30
5.00
13.50
15.00
5.00
2.50
0.60
5.00(XX-1)
5.00XX+1.50


ø1.30
5.00
5.00
3.30
2.50
15.00
2.75
5.00(XX-1)
P.C.B. LAYOUT