



Rated current: 51A  
Rated voltage: 600V  
Use wire diameter: 18-4AWG  
spacing:10.0mm



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]             | 600   | 600 | 600 |
| Rated Current [A]            | 51    | 51  | 5   |
| Wire Range [AWG]             | 18-4  |     |     |
| Dielectric Voltage-Withstand | 2.2KV |     |     |

IEC

|                      |      |      |      |
|----------------------|------|------|------|
| Overvoltage Category | III  | III  | II   |
| Contamination Class  | 3    | 2    | 2    |
| Rated Voltage [V]    | 1000 | 1000 | 1000 |
| Rated Current [A]    | 76   | 76   | 76   |

|                                            |        |   |   |
|--------------------------------------------|--------|---|---|
| Impulse withstand voltage [KV]             | 8      | 8 | 8 |
| Conductor cross section [mm <sup>2</sup> ] | 0.2-16 |   |   |

## Material

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

## Other Data

|                            |                |
|----------------------------|----------------|
| Pitch/Poles [mm]/[P]       | 10.0/2-18      |
| Stripping Length [mm]      | 17-18          |
| Screw/Torque(Max)[N.m]     | -              |
| Operating temperature [°C] | -40 ~ +105     |
| Soldering method           | Wave soldering |
| Pin dimensions [mm]        | 1.2*1.2        |
| PCB Hole Diameter [mm]     | Ø1.7           |

## Dimensions

## PCB hole diagram

