



PCB connector

Rated current: 15 A

Rated voltage: 300 V

Pitch: 5.0 mm / 5.08 mm

Mounting: Reflow soldering



For reference only!version1.0

## UL/CUL

| Use Group                    | B     | C | D   |
|------------------------------|-------|---|-----|
| Rate Voltage [V]             | 300   | - | 300 |
| Rated Current [A]            | 15    | - | 10  |
| Wire Range [AWG]             | /     |   |     |
| Dielectric Voltage-Withstand | 1.6KV |   |     |

## IEC

|                                               |     |     |     |
|-----------------------------------------------|-----|-----|-----|
| Overvoltage Category                          | III | III | II  |
| Contamination Class                           | 3   | 2   | 2   |
| Rated Voltage [V]                             | 250 | 320 | 400 |
| Rated Current [A]                             | 12  | 12  | 12  |
| Impulse withstand voltage [KV]                | 4   | 4   | 4   |
| Conductor cross section[solid/flexible] [mm²] | /   |     |     |

## Material

|                     |     |
|---------------------|-----|
| Insulation Material | LCP |
|---------------------|-----|

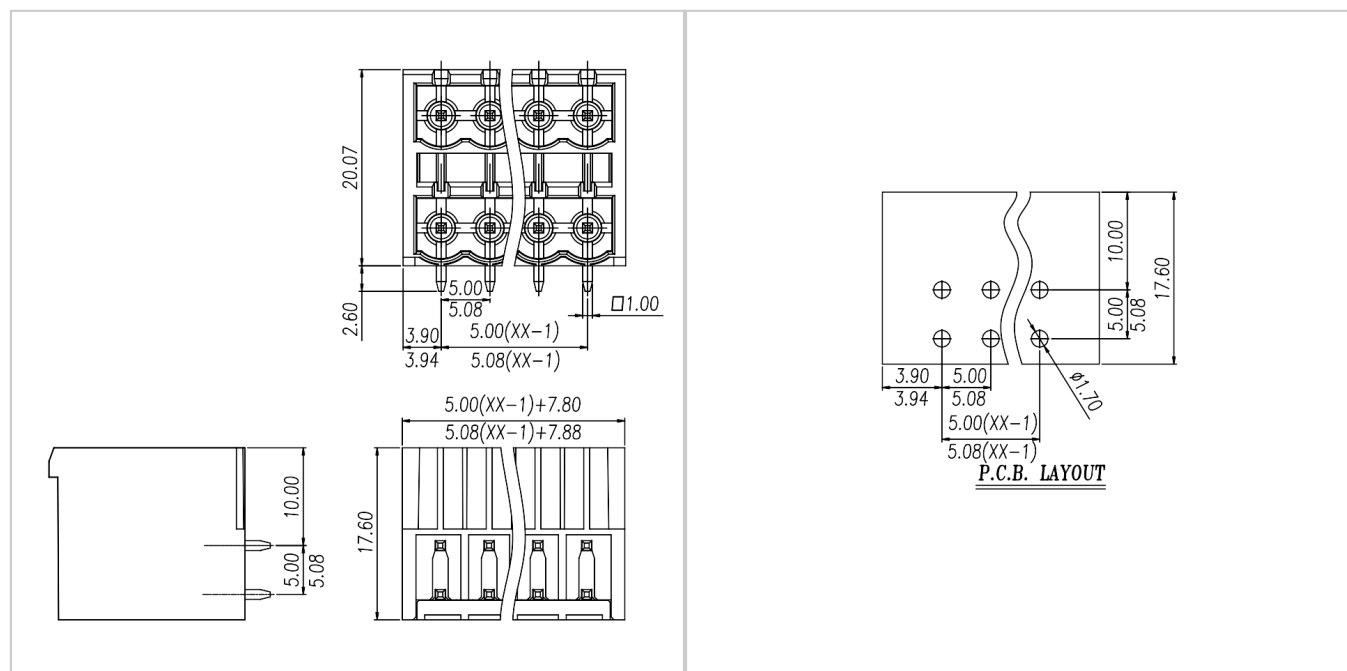
|                              |              |
|------------------------------|--------------|
| Flame retardant rating       | UL94V-0      |
| Conductor Material           | Copper alloy |
| Plating of conductor surface | Sn plated    |

## Other Data

|                            |                     |
|----------------------------|---------------------|
| Pitch/Poles [mm]/[P]       | 5.0 , 5.08/2*2-2*24 |
| Stripping Length [mm]      | /                   |
| Screw/Torque(Max)[N.m]     | /                   |
| Operating temperature [°C] | -40~+130            |
| Soldering temperature      | 285°C/10S           |
| Pin dimensions [mm]        | 1.0*1.0             |
| PCB Hole Diameter [mm]     | Ø1.7                |

## Dimensions

## PCB opening diagram



## Accessories



[WJ2EDGKN-5.0](#)/5.08