



PCB connector

Rated current: 8 A

Rated voltage: 300 V

Pitch: 3.5 mm

Mounting: Wave soldering



For reference only!version1.0

## UL/CUL

| Use Group                    | B     | C | D |
|------------------------------|-------|---|---|
| Rate Voltage [V]             | 300   | - | - |
| Rated Current [A]            | 8     | - | - |
| Wire Range [AWG]             | /     |   |   |
| Dielectric Voltage-Withstand | 1.6KV |   |   |

## IEC

| Overvoltage Category                          | III | III | II  |
|-----------------------------------------------|-----|-----|-----|
| Contamination Class                           | 3   | 2   | 2   |
| Rated Voltage [V]                             | 150 | 150 | 250 |
| Rated Current [A]                             | 8   | 8   | 8   |
| Impulse withstand voltage [KV]                | 2.5 | 2.5 | 2.5 |
| Conductor cross section[solid/flexible] [mm²] | /   |     |     |

## Material

|                     |     |
|---------------------|-----|
| Insulation Material | PBT |
|---------------------|-----|

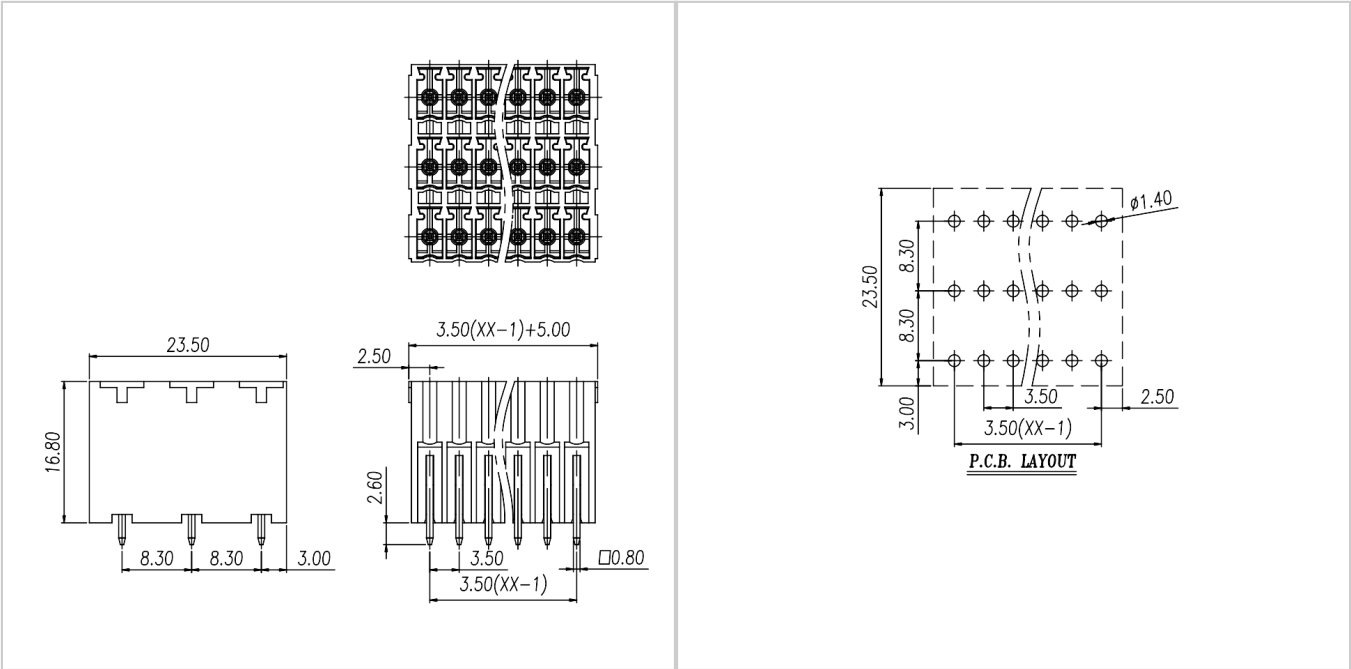
|                              |              |
|------------------------------|--------------|
| Flame retardant rating       | UL94V-0      |
| Conductor Material           | Copper alloy |
| Plating of conductor surface | Sn plated    |

Other Data

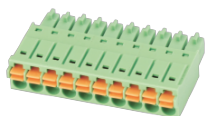
|                            |              |
|----------------------------|--------------|
| Pitch/Poles [mm]/[P]       | 3.5/3*2-3*24 |
| Stripping Length [mm]      | /            |
| Screw/Torque(Max)[N.m]     | /            |
| Operating temperature [°C] | -30~+120     |
| Soldering temperature      | 260°C/5S     |
| Pin dimensions [mm]        | 0.8*0.8      |
| PCB Hole Diameter [mm]     | Ø1.4         |

Dimensions

PCB opening diagram



Accessories



[WJ15EDGKN-3.5/3.81](#)