



PCB connector  
Rated current: 8 A  
Rated voltage: 300 V  
Pitch: 3.5mm/3.81 mm  
Mounting: Wave soldering

For reference only!version1.0

## UL/CUL

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

## IEC

|                                               |     |     |     |
|-----------------------------------------------|-----|-----|-----|
| Overvoltage Category                          | III | III | II  |
| Contamination Class                           | 3   | 2   | 2   |
| Rated Voltage [V]                             | 160 | 160 | 250 |
| Rated Current [A]                             | 7   | 7   | 7   |
| Impulse withstand voltage [KV]                | 2.5 | 2.5 | 2.5 |
| Conductor cross section[solid/flexible] [mm²] | -   |     |     |

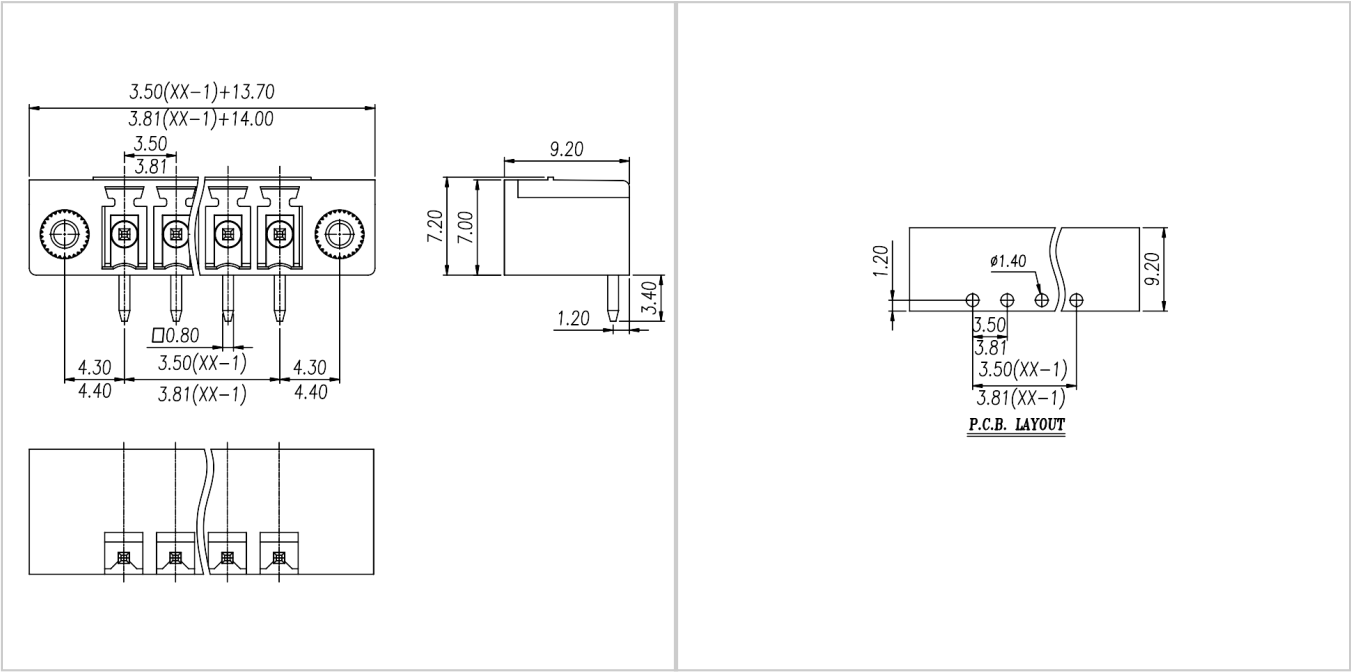
## Material

|                        |         |
|------------------------|---------|
| Insulation Material    | PA66    |
| Flame relardant rating | UL94V-0 |

|                              |                 |
|------------------------------|-----------------|
| Conductor Material           | Copper alloy    |
| Plating of conductor surface | Sn plated       |
| Other Data                   |                 |
| Pitch/Poles [mm]/[P]         | 3.5 , 3.81/2-24 |
| Stripping Length [mm]        | -               |
| Screw/Torque(Max)[N.m]       | -               |
| Operating temperature [°C]   | -40°C~+105°C    |
| Soldering temperature        | 260°C/5S        |
| Pin dimensions [mm]          | 0.8*0.8         |
| PCB Hole Diameter [mm]       | Ø1.4            |

Dimensions

PCB opening diagram



Accessories



[WJ15EDGKDBG-3.5/3.81](#)