

PCB connector  
Rated current: 8 A  
Rated voltage: 300 V  
Wire range: 28-16 AWG  
Pitch: 3.81 mm



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]             | 28~16 |   |     |
| 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] | 0.2-1.5 |     |     |

Material

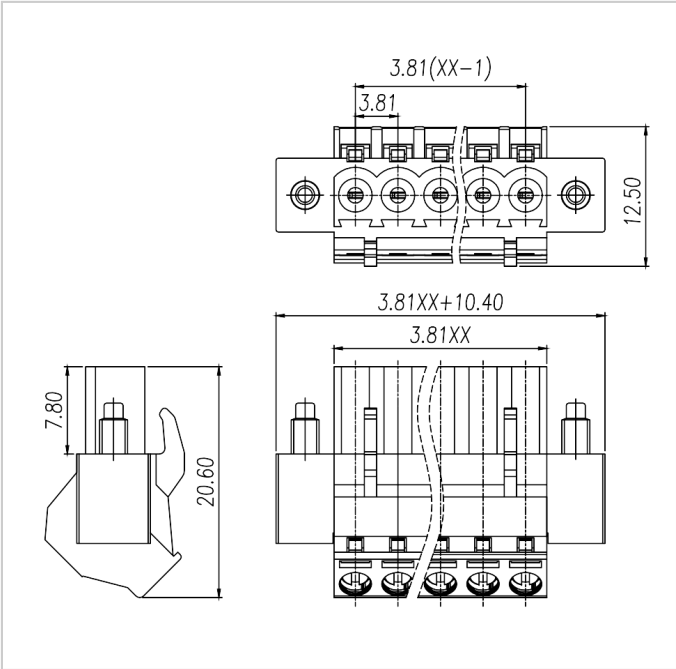
|                     |      |
|---------------------|------|
| Insulation Material | PA66 |
|---------------------|------|

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

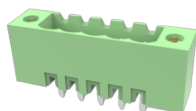
Other Data

|                            |           |
|----------------------------|-----------|
| Pitch/Poles [mm]/[P]       | 3.81/2-24 |
| Stripping Length [mm]      | 6-7       |
| Screw/Torque(Max)[N.m]     | M2/0.2    |
| Operating temperature [°C] | -40~+105  |
| Soldering temperature      | /         |
| Pin dimensions [mm]        | /         |
| PCB Hole Diameter [mm]     | /         |

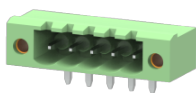
Dimensions



Accessories



[WJ2EDGVM-3.81](#)



[WJ2EDGRM-3.81](#)