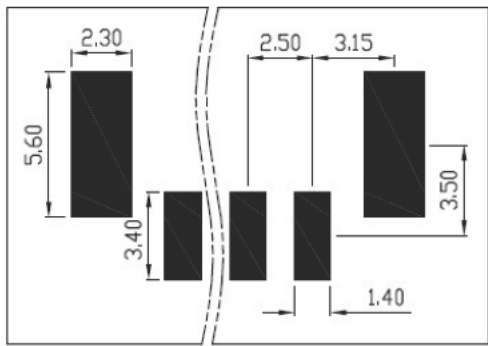
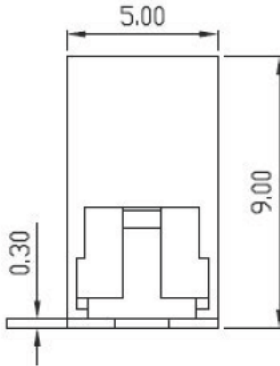
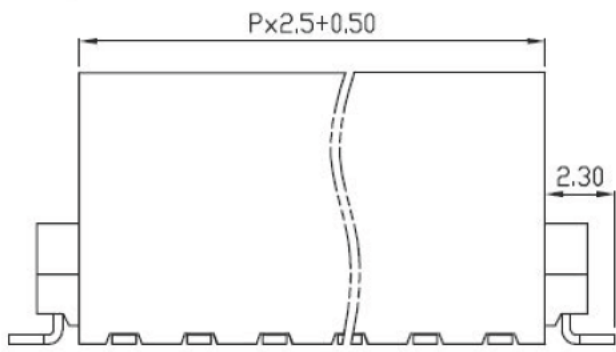
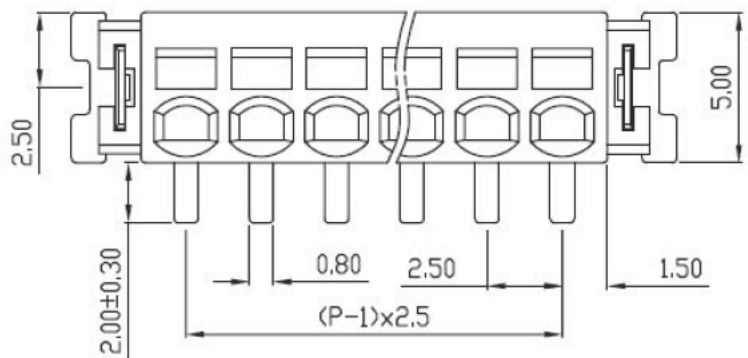


| linear dimension(Tolerances Standard GB/T 14486-2008) |       |              |               |               |                |                 | —     |       |        |
|---|-------|--------------|---------------|---------------|----------------|-----------------|-------|-------|--------|
| variable range  | to 6  | over 6 to 10 | over 10 to 30 | over 30 to 60 | over 60 to 100 | over 100 to 160 | to 10 | to 10 | to 100 |
| tolerance   | ±0.20 | ±0.30        | ±0.50         | ±0.70         | ±1.00          | ±1.30           | ±1.60 | 0.10  | 0.30   |



PCB Layout

| UL/CUL Technical Data                                      |              |     |     |
|--|--------------|-----|-----|
| Use Group  | B            | C   | D   |
| Rated Voltage [V]  | 150          | -   | 150 |
| Rated Current [A]  | 5            | -   | 5   |
| Wire Range Solid/Stranded [AWG]                            | 28-20        |     |     |
| Withstanding Voltage                                       | 1300V/1Min   |     |     |
| IEC Technical Data   |              |     |     |
| Overtoltage Category                                       | III          | III | II  |
| Contamination Class  | 3            | 2   | 2   |
| Rated Voltage [V]  | 100          | 160 | 320 |
| Rated Current [A]  | 6            | 6   | 6   |
| Impulse withstand voltages [kV]                            | 2.5          | 2.5 | 2.5 |
| Conductor cross section Solid/ flexible [mm <sup>2</sup> ] | 0.5          |     |     |
| Material   |              |     |     |
| Insulation Material  | PA46         |     |     |
| Inflammability   | UL94V-0      |     |     |
| Contact Material   | Copper alloy |     |     |
| Contactive Coating   | Tin Plated   |     |     |
| Other Data   |              |     |     |
| Pitch [mm]   | 2.5          |     |     |
| Poles [P]  | 2-12         |     |     |
| Stripping Length [mm]                                      | 6            |     |     |
| Screw/ Torque(Max) [N.m]                                   | -            |     |     |
| Operating temperatur [°C]                                  | -60→+105     |     |     |
| Pin Dimensions [mm]  | -            |     |     |
| PCB Hole Diameter [mm]                                     | 2.0          |     |     |

|             |                |
|-------------|----------------|
| TOLERANCE   |                |
| SCALE       | UNIT mm        |
| DRAW Walter | DATE 8.12.2023 |
| CHECK Spirk | REV            |



TITLE  
**SM C09 02583 XX SMT**



DESCRIPTION  
**Terminal Block SMT Straight RM2,5**