



P.C.B. LAYOUT  
TOP VIEW

N = Number of poles  
 Dim L = N x 3.5  
 Dim P = (N - 1) x 3.5

|        | Dim L |
|--------|-------|
| 2-6p   | ±0.15 |
| 7-12p  | ±0.20 |
| 13-18p | ±0.30 |
| 19-24p | ±0.35 |

- Material
- Item ① Terminal body(metal housing): Brass(CuZn),Tin plated
  - Item ② Terminal screw: Steel Zinc plating "-" slot type
  - Item ③ Wire guard :stainless steel
  - Item ④ Insulator (housing): Thermoplastic (UL94V-0)

- Electrical cULus /CSA
- Voltage rating: 125V /125V
  - Current rating: 10A /10A
  - Wire range:
  - Solid wire(AWG): 16-26 /16-26
  - Stranded wire(AWG): 16-26 /16-26
  - Torque: 1.7Lb-In /4.0kgf.cm
  - Screw: M2
  - Wire strip length: 5-6mm
  - Withstanding Voltage: 1.25KV /1.25KV
  - Operating temperature: -40°C to +115°C
  - Wave Soldering temperature: 260°C±5°C/5 Sec
  - Safety Approval:
  - Critical dimension: ▲
  - Reference dimension: (x) The dimensions of pitch are just for reference, take the actual assembly result as a judgment when inserting the terminal block into the PCB hole.

TE xx 0 1 x x xxxx G

RoHS compliant (lead<4%)  
In copper Alloy

| POLES       | Color               | DIM A Length | @ logo   |
|-------------|---------------------|--------------|--|
| 02 02 POLES | 0 Black (RAL9005)   | 0 4.4mm      | 000 0  |
| 03 03 POLES | 2 Red (RAL3001/D)   | 1 3.8mm      | 000 A  |
| ...         | 3 Orange(RAL2011/P) | 2 3.5mm      | ANY logo   |
| 24 24 POLES | 4 Yellow(RAL1018/A) |              | Any special item by customer request, please contact sales department. |
|             | 5 Green(RAL6018/T)  |              |  |
|             | 6 Blue (RAL5015/A)  |              |  |
|             | 8 Grey(RAL7035/D)   |              |  |
|             | C Green(RAL6018/U)  |              |  |

|   |                     |                      |                      |                      |             |            |
|---|---------------------|----------------------|----------------------|----------------------|-------------|------------|
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| TITLE   | TE 3.5mm series "-" |                      |                      |                      |             |            |
| PART NO.  | TExx01xxxxxxG       |                      |                      | DWG NO.              | 8TE0002     |            |
| APPROVED  | CHECKED             | DESIGNED             | DRAWN                | CUST NO.             | Tolerance   |            |
|   |                     | Petter<br>2021.06.22 | Petter<br>2021.06.22 |                      | UNIT: mm    | X. ±0.50   |
|   |                     |                      |                      |                      | SCALE: NONE | X.X ±0.30  |
|   |                     |                      |                      | SHEET: 01/01         | REV: F      | X.XX ±0.10 |
|   |                     |                      |                      |                      |             | X° ±1°     |