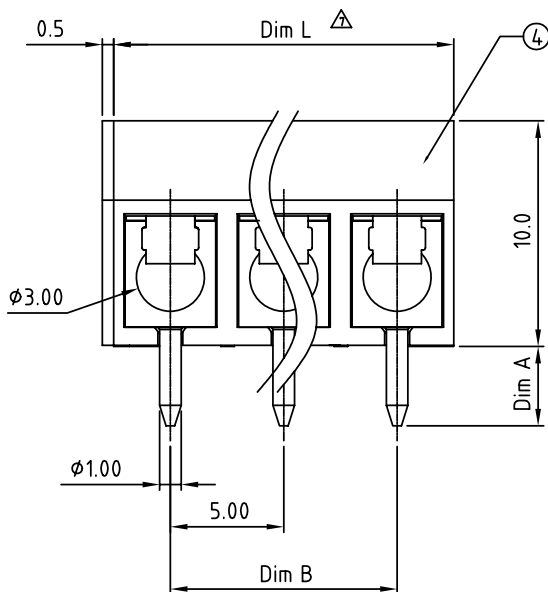
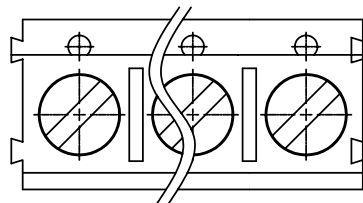
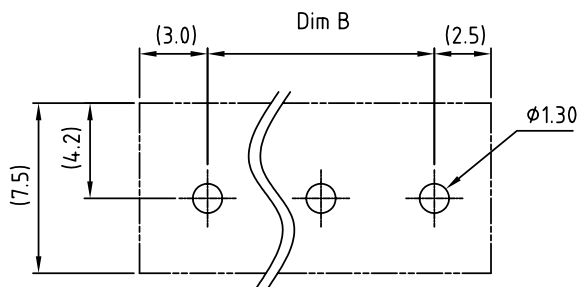
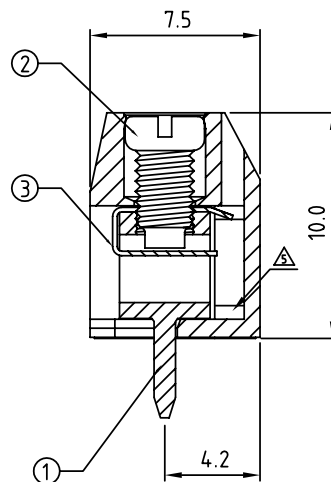


VIEW A



N=Number of contacts



RECOMMENDED PCB LAYOUT

N = Number of poles  
Dim L=Nx5.0  
Dim B=(N-1)x5.0

|        | Dim L | Dim B |
|--------|-------|-------|
| 2-6p   | ±0.15 | ±0.10 |
| 7-12p  | ±0.20 | ±0.20 |
| 13-18p | ±0.30 | ±0.25 |
| 19-24p | ±0.40 | ±0.30 |

| SIGN                                           | DATE     | DESCRIPTION                                                                  | APPROVER |
|------------------------------------------------|----------|------------------------------------------------------------------------------|----------|
| △                                              | 02/09'06 | Part No. is changed.                                                         | Marvin   |
| △                                              | 06/22'06 | Safety is changed from UL 250V/16A to cULus 300V/15A                         | Marvin   |
| △                                              | 08/01'06 | cULus Solid wire and Stranded wire is changed.                               | Marvin   |
| △                                              | 04/19'07 | Soldering temperature is changed from 245 to 250                             | Marvin   |
| △                                              | 04/19'07 | Body is changed.                                                             | Marvin   |
| △                                              | 04/03'10 | Part No. is changed.                                                         | Tason    |
| △                                              | 07/23'10 | Dim A to Dim L                                                               | Tason    |
| △                                              | 09/27'10 | Wire range is changed from 0.75-1.5mm <sup>2</sup> to 0.5-1.5mm <sup>2</sup> | Tason    |
| THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!! |          |                                                                              |          |

### Material

- Item① Terminal body(metal housing): Brass(CuZn),Tin plated
- Item② Terminal screw: Steel Zinc plating "-" slot type
- Item③ Wire guard: Stainless steel
- Item④ Insulator (housing): Thermoplastic (UL94V-0)

- △ Electrical cULus//VDE
  - Voltage rating: 300VAC/250VAC
  - Current rating: 15A/17.5A
  - Wire range: 0.5-1.5mm<sup>2</sup>
  - Solid wire(AWG): 14-22/14-22
  - Stranded wire(AWG): 14-22/14-22
  - Torque: 2.6Lb-In/0.4Nm
  - Screw: M2.6
  - Wire strip length: 6-7mm
  - Withstanding Voltage: 1.6KV/2KV
  - Operating temperature: -40°C to +115°C
- △ Soldering temperature: 250°C±10°C/5 Sec
- SAFETY APPROVAL DATA:

TC xx 0 3 x x A5xx G △

| POLES          | Color               | Dim A Length | Rohs Compliant       |
|----------------|---------------------|--------------|----------------------|
| 02 02 CONTACTS | 0 Black (RAL9005)   | 0 4.4mm      | A50 0 @ Mark         |
| 03 03 CONTACTS | 2 Red (RAL3001/D)   | 1 3.8mm      | A50 A ANY Mark       |
| ...            | 3 Orange(RAL2011/P) | 2 3.5mm      | Any special item by  |
| 24 24 CONTACTS | 4 Yellow(RAL1018/A) |              | customer request,    |
|                | 5 Green(RAL6018/T)  |              | please contact sales |
|                | 6 Blue (RAL5015/A)  |              | department.          |
|                | 8 Grey(RAL7035/D)   |              |                      |

# ANYTEK

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|          |                                               |            |           |          |              |  |  |
|----------|-----------------------------------------------|------------|-----------|----------|--------------|--|--|
| TITLE    | TC-5.0mm Solid Block type series (2p-24p) "-" |            |           |          |              |  |  |
| PART NO. | TCxx03xxA5xxG △                               |            |           | DWG NO.  | 8TC0102      |  |  |
| APPROVED | CHECKED                                       | DESIGNED   | DRAWN     | CUST NO. | Tolerance    |  |  |
|          |                                               | Tason      | Tason     |          | X. ±0.50     |  |  |
|          |                                               | 2010.09.27 | 2010.04.3 |          | X.X ±0.30    |  |  |
|          |                                               |            |           |          | X.XX ±0.10   |  |  |
|          |                                               |            |           |          | X° ±1°       |  |  |
|          |                                               |            |           |          | UNIT: mm     |  |  |
|          |                                               |            |           |          | SCALE: NONE  |  |  |
|          |                                               |            |           |          | SHEET: 01/01 |  |  |
|          |                                               |            |           |          | REV.: I      |  |  |