

| REV. | SIGN | DATE     | DESCRIPTION                                         | APPROVER |
|------|------|----------|-----------------------------------------------------|----------|
| B    | △    | 10/26'10 | Stranded Wire changed from 16-28 AWG to 16- 26 AWG. | Tason    |
| B    | △    | 10/26'10 | Solid wire changed from 16-28 AWG to 16- 26 AWG.    | Tason    |
| C    | △    | 02/22'11 | Add the "cULus" Safety Approval                     | Tason    |
| D    | △    | 02/23'11 | The Torque changed from 1.7 Lb-In to 2 Lb-In        | Tason    |
| E    | △    | 06/27'17 | Add 1POLE drawing and update the drawing            | Johnson  |

THIS IS CAD DRAWING, DO NOT REVISE MANUALL Y!!!

Material:

- Item ③ Terminal housing: Thermoplastic (UL94V-0)
- Item ④ Terminal cover: Thermoplastic (UL94V-0)
- Item ⑤ Metal housing: Steel , Zinc plated
- Item ⑥ Terminal screw: Steel Zinc plating "--" slot type.
- Item ⑦ Solder pin: Brass,Tin plated.

Electrical: cULus

- Voltage rating: 300V
- Current rating: 8A
- Wire range:
- △ ● Solid wire(AWG): 16-26
- △ ● Stranded wire(AWG): 16-26
- Torque: 2Lb-In. △
- Screw: M2
- Wire strip length: 8-9mm
- Withstanding Voltage: 1.6KV
- Operating temperature: -40°C to +115°C
- △ ● Soldering temperature: 260°C±5°C/5 Sec
- △ ● SAFETY APPROVAL DELTA: cULus
- CRITICAL DIMENSION: △

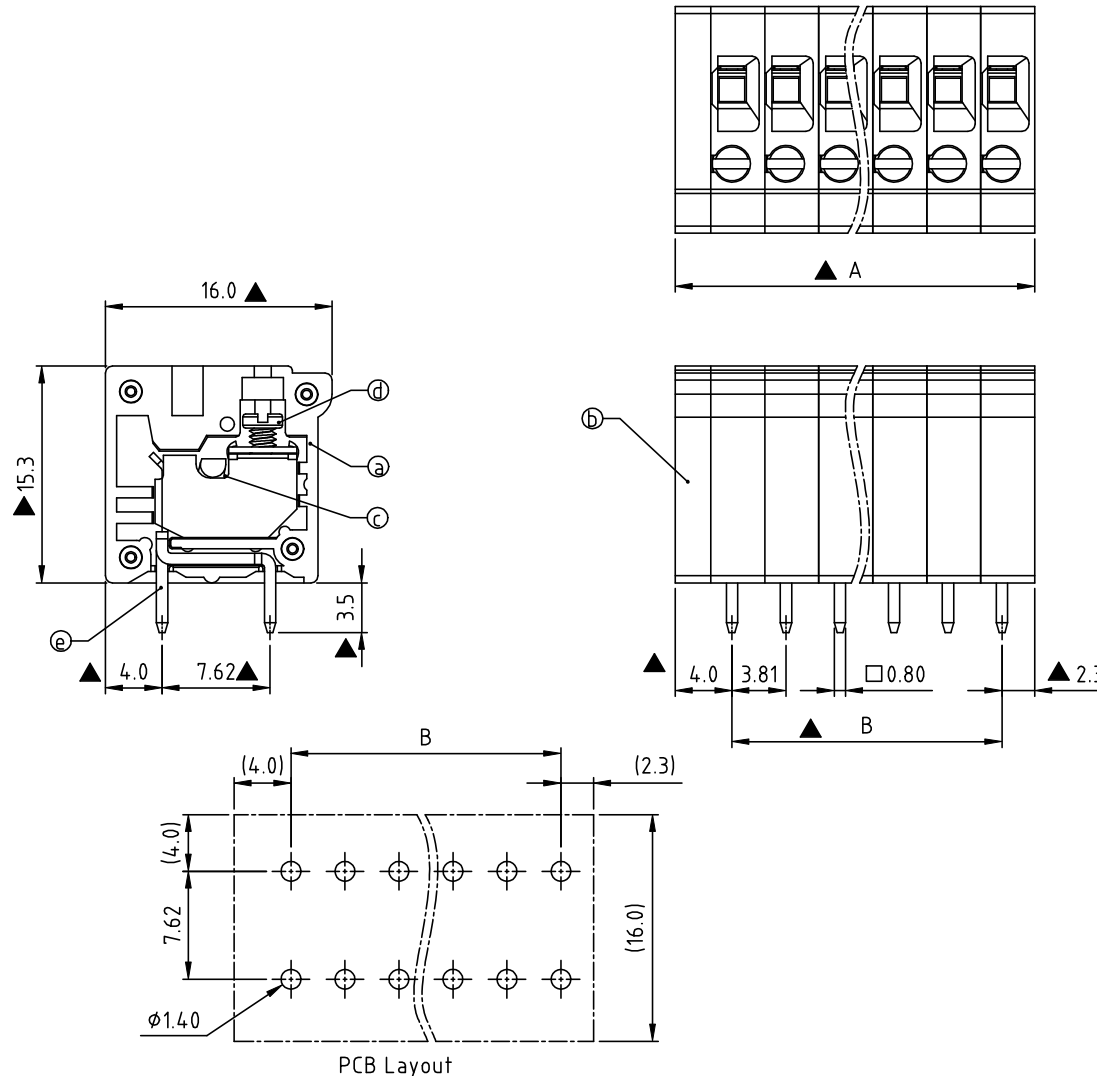
TR xx 3 5 x 0 xxxx G

△ No. OF POLES  
01: 1 POLES  
:  
24: 24 POLES

COLOR  
0: BLACK  
5: GREEN (RAL 6018/T)  
6: BLUE  
8: GREY (RAL 7004/P)

△ ROHs compliant  
(lead<4%)  
In copper Alloy

0000: "@" Logo (Standard)  
000A: "ANYTEK" Mark  
Any special item by  
customer request.  
please contact sales  
department.



PCB Layout

| POLE | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| A    | 6.31  | 10.12 | 13.93 | 17.74 | 21.55 | 25.36 | 29.17 | 32.98 | 36.79 | 40.60 | 44.41 | 48.22 |
| B    | —     | 3.81  | 7.62  | 11.43 | 15.24 | 19.05 | 22.86 | 26.67 | 30.48 | 34.29 | 38.10 | 41.91 |
| Tol. | ±0.10 |       |       |       |       |       | ±0.15 |       |       |       |       |       |
| POLE | 13    | 14    | 15    | 16    | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    |
| A    | 52.03 | 55.84 | 59.65 | 63.46 | 67.27 | 71.08 | 74.89 | 78.70 | 82.51 | 86.32 | 90.13 | 93.94 |
| B    | 45.72 | 49.53 | 53.34 | 57.15 | 60.96 | 64.77 | 68.58 | 72.39 | 76.20 | 80.01 | 83.82 | 87.63 |
| Tol. | ±0.20 |       |       |       |       |       | ±0.30 |       |       |       |       |       |

**Amphenol**  
**ANYTEK**

**CUSTOMER COPY**

ALL RIGHTS RESERVED. REPRODUCTION OR ISSUE TO THIRD PARTIES IN ANY FORM WHATSOEVER IS NOT PERMITTED WITHOUT WRITTEN AUTHORITY FROM THE PROPRIETOR. PROPERTY OF ANYTEK TECHNOLOGY CO., LTD

|          |                      |                       |                       |                                                                                       |              |         |            |  |  |           |  |
|----------|----------------------|-----------------------|-----------------------|---------------------------------------------------------------------------------------|--------------|---------|------------|--|--|-----------|--|
| TITLE    | TR 3.81mm 90D Series |                       |                       |                                                                                       |              |         |            |  |  |           |  |
| PART NO. | TRxx35x0xxxxG        |                       |                       |                                                                                       |              | DWG NO. | 8TR0201    |  |  |           |  |
| APPROVED | CHECKED              | DESIGNED              | DRAWN                 | CUST NO.                                                                              |              |         |            |  |  | Tolerance |  |
|          |                      | Johnson<br>2017.06.27 | Johnson<br>2017.06.27 |  |              |         |            |  |  | UNIT: mm  |  |
|          |                      |                       |                       |                                                                                       | SCALE: NONE  |         | X.X ±0.30  |  |  |           |  |
|          |                      |                       |                       |                                                                                       | SHEET: 01/01 |         | X.XX ±0.10 |  |  |           |  |
|          |                      |                       |                       |                                                                                       | REV: E       |         | X° ±1°     |  |  |           |  |