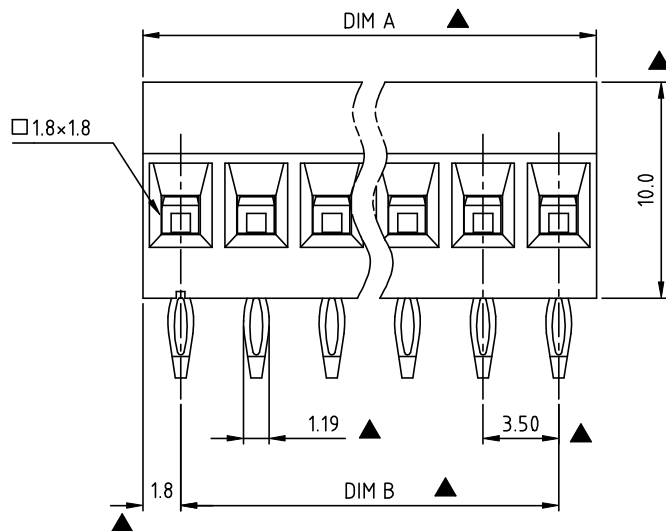


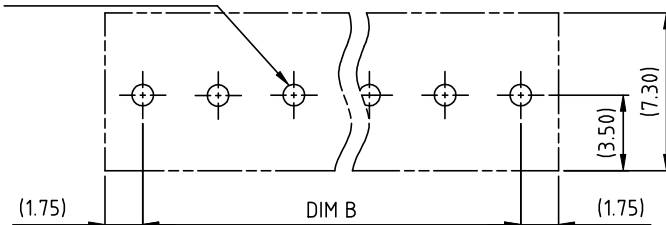
N= Number of Contacts

|       |           |
|-------|-----------|
| DIM A | N×3.5     |
| DIM B | (N-1)×3.5 |

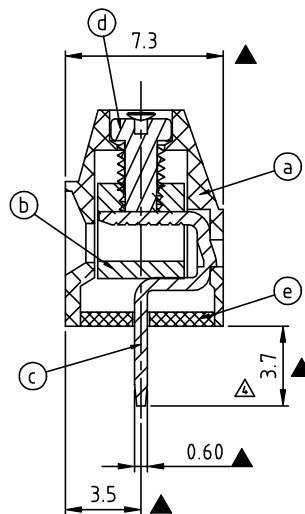
|         |       |
|---------|-------|
| 2p-6p   | ±0.15 |
| 7p-12p  | ±0.25 |
| 13p-19p | ±0.35 |
| 20p-24p | ±0.40 |



Diameter of metal-plated  
hole:  $\phi 1.0 \pm 0.05$



P.C.B. LAYOUT  
TOP VIEW



SECTION P-P

| Rev. | SIGN | DATE     | DESCRIPTION   | APPROVER |
|------|------|----------|---|----------|
| B    | △    | 01/30'07 | Soldering temperature changed from 245° to 250°                       | Tason    |
|      | △    | 01/30'07 | Part NO is Changed  | Tason    |
| C    | △    | 07/02'09 | Operating temperature changed from -30°C to +105°C to -40°C to +115°C | Aaron    |
|      | △    | 07/02'09 | Dimension is changed from 3.5mm to 3.7mm                              | Aaron    |
| D    | △    | 05/13'17 | Add is cULus, Updat the drawing                                       | Aaron    |

THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!!!

Material:

- Item ① Terminal housing : Thermoplastic (UL 94V-0)
- Item ② Clamp : Brass, Ni plated
- Item ③ Wire guard solder pin : Brass, Tin plated
- Item ④ Terminal screw: Steel Zinc plating"-slot type
- Item ⑤ Terminal housing (cover): Thermoplastic (UL 94V-0)

Electrical: cULus


- Voltage rating: 300V
- Current rating: 10A
- Wire range:
- Solid wire(AWG): 16-30
- Stranded wire(AWG): 16-30
- Torque: 1.7 Lb-In
- Diameter of metal - plated hole :  $\phi 1.0$
- Screw: M2
- Wire strip length: 5-6mm
- Withstanding Voltage: 1.6 KV
- Operating temperature: -40°C to +115°C
- Soldering temperature: 260°C±5°C/5 Sec
- Safety Approval: cULus
- Critical dimension: ▲

| VQ xx 11 x 1 xxxx G |                     | RoHS compliant<br>(lead<4%)<br>In copper Alloy |
|---------------------|---------------------|--|
| No. of poles        | Body Color          | 0000:"@Logo (Standard )                        |
| 02 2 POLES          | 0 Black (RAL9005)   | 000A:"ANYTEK"Logo                              |
| 03 3 POLES          | 2 Red (RAL3001/D)   | Any special item by                            |
| ... ..              | 3 Orange(RAL2011/P) | customer request,                              |
| 24 24 POLES         | 4 Yellow(RAL1018/A) | please contact sales                           |
|                     | 5 Green(RAL6018/T)  | department.                                    |
|                     | 6 Blue (RAL5015/A)  |  |
|                     | 8 Grey(RAL7035/D)   |  |
|                     | 9 White(RAL1102)    |  |
|                     | C Green(RAL6018/U)  |  |

**Amphenol**  
**ANYTEK**

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|          |  |                                      |          |                      |          |   |  |             |  |
|----------|--|--------------------------------------|----------|----------------------|----------|---|--|-------------|--|
| TITLE    |  | VQ 3.5 Press Fit Series (With cover) |          |                      |          |   |  |             |  |
| PART NO. |  | VQxx11x1xxxxG                        |          |                      | DWG NO.  | 8VQ0008   |  |             |  |
| APPROVED |  | CHECKED                              | DESIGNED | DRAWN                | CUST NO. |   |  | Tolerance   |  |
|          |  | Guoxue<br>2017.05.13                 |          | Guoxue<br>2017.05.13 |          |  |  | UNIT: mm    |  |
|          |  |                                      |          |                      |          |   |  | SCALE: NONE |  |
|          |  |                                      |          |                      |          | SHEET: 01/01  |  | REV.: D     |  |
|          |  |                                      |          |                      |          | X.X ±0.30   |  |             |  |
|          |  |                                      |          |                      |          | X.XX ±0.10  |  |             |  |
|          |  |                                      |          |                      |          | X° ±1°  |  |             |  |