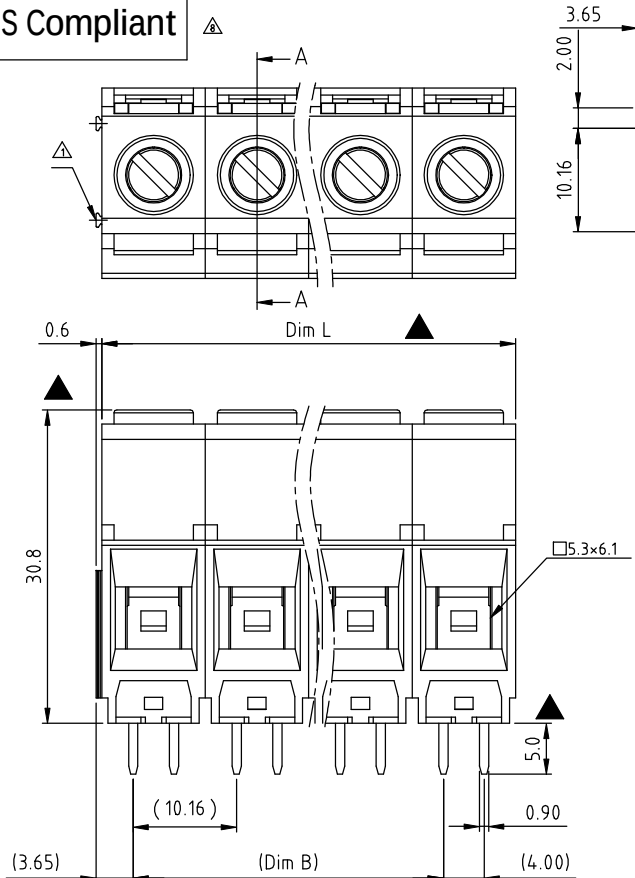
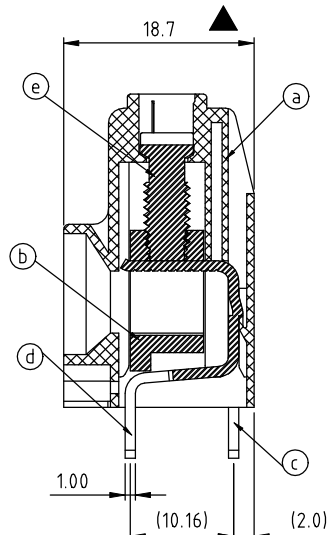
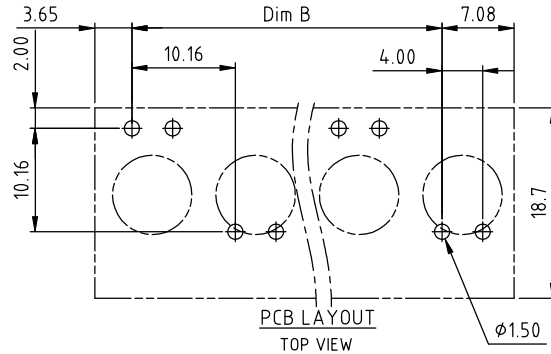
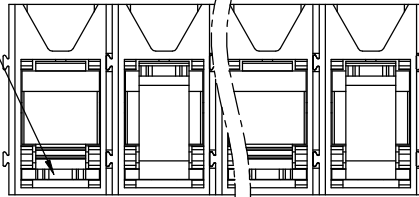


RoHS Compliant



First pole with back contact



SECTION A-A

N = Number of poles  
Dim L =  $N \times 10.16$   
Dim B =  $(N-1) \times 10.16$

| Poles  | Dim.L Tolerance |
|--------|-----------------|
| 2P-4P  | $\pm 0.20$      |
| 5P-8P  | $\pm 0.30$      |
| 9P-12P | $\pm 0.40$      |

| Rev.                                           | SIGN | DATE       | DESCRIPTION                                            | APPROVER |
|------------------------------------------------|------|------------|--------------------------------------------------------|----------|
| C                                              | △    | 2010.12.20 | The design is changed                                  | Chen Bo  |
| D                                              | △    | 04/04'11   | Add is spec.                                           | Chen Bo  |
| E                                              | △    | 07/29'11   | The torque is changed & Add is the "cULus" mark        | Runner   |
| F                                              | △    | 06/25'19   | Add the color code.                                    | Guoxue   |
|                                                | △    | 06/25'19   | Add the "Reference dimension"                          | Guoxue   |
|                                                | △    | 06/25'19   | Add the "TUV"                                          | Guoxue   |
|                                                | △    | 06/25'19   | Add the "Wave Soldering temperature : 260°C+5°C/5 Sec" | Guoxue   |
|                                                | △    | 06/25'19   | Add the "RoHS compliant & Amphenol Logo"               | Guoxue   |
| THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!! |      |            |                                                        |          |

Material:

- Item ③ Terminal housing : Thermoplastic (UL 94V-0)
- Item ⑥ Clamp : Brass , Ni plated
- Item ⑦ Wire guard solder pin (Back single row) : Copper , Tin plated
- Item ⑧ Wire guard solder pin (Front single row) : Copper , Tin plated
- Item ⑨ Terminal screw: Steel Zinc plating"-slot type

Electrical cULus TUV

- Voltage rating : 600V 600V
- Current rating : 65A 65A
- Wire range : 0.5-16mm<sup>2</sup> (Rigid wire)
- Solid wire (AWG) : 6-20
- Stranded wire (AWG) : 6-20

Torque : 12.2 LB-In / 1.38N.m

- Screw : M4.5
- Wire strip length : 10~11mm

Withstanding voltage : 2.2KV / 3.0KV

- Operating temperature : -40°C to +115°C
- Wave Soldering temperature : 260°C+5°C/5 Sec
- Critical dimension: △
- Safety Approval:

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.

|                      |                     |                                           |  |
|----------------------|---------------------|-------------------------------------------|--|
| KP xx 2 1 X 0 xxxx G |                     | G:RoHS compliant(lead<4%) in copper alloy |  |
| 02 2 Poles           | Color               | 0000:"@Logo (Standard)                    |  |
| 03 3 Poles           | 0 Black (RAL9005)   | 000A:"ANYTEK"Logo                         |  |
| ...                  | 2 Red (RAL3001/D)   | Any special item by                       |  |
| 12 12 Poles          | 3 Orange(RAL2011/P) | customer request,                         |  |
|                      | 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        |         | KP 10.16 Series Solder pins staggered by half pin spacing (Without cover) |                      |                 |                                                                        |
| PART NO.     |         | KPxx21x0xxxxG                                                             |                      | DWG NO. 8KP0101 |                                                                        |
| APPROVED     | CHECKED | DESIGNED                                                                  | DRAWN                | CUST NO.        | Tolerance                                                              |
|              |         |                                                                           |                      |                 | X. $\pm 0.50$<br>X.X $\pm 0.30$<br>X.XX $\pm 0.10$<br>X° $\pm 1^\circ$ |
|              |         | Guoxue<br>2019.06.25                                                      | Guoxue<br>2019.06.25 |                 | UNIT: mm<br>SCALE: NONE                                                |
| SHEET: 01/01 |         | REV.: F                                                                   |                      |                 |                                                                        |