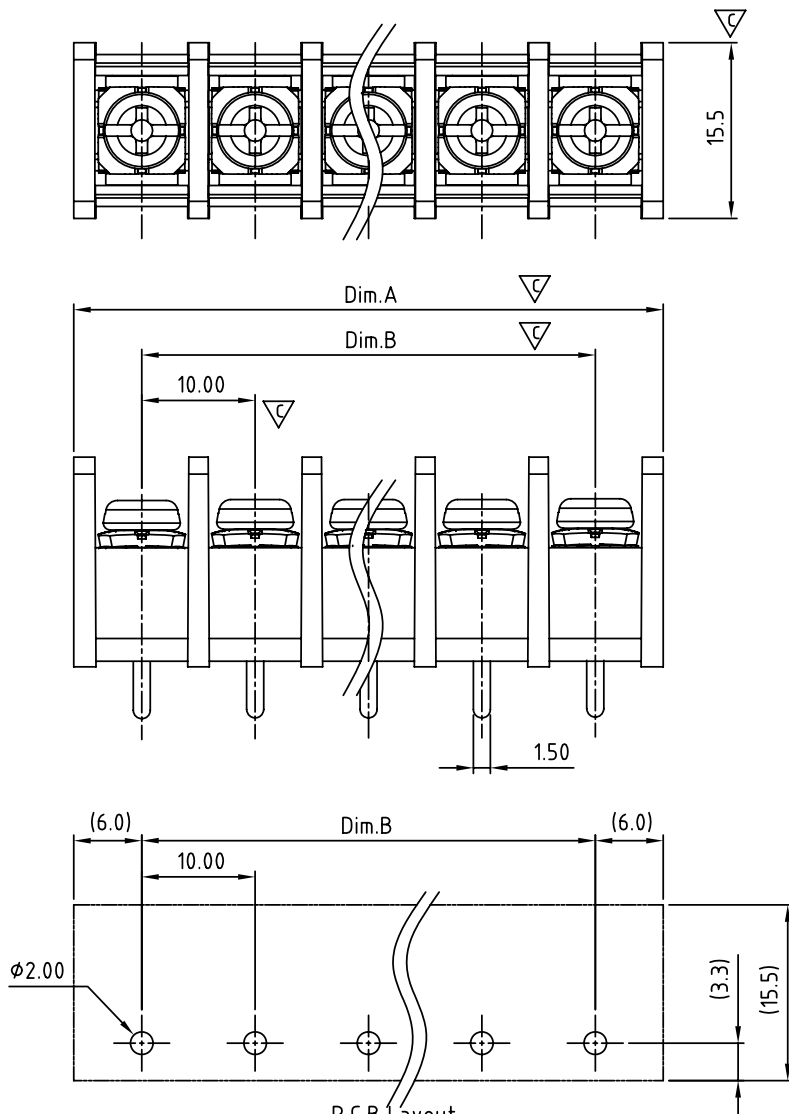


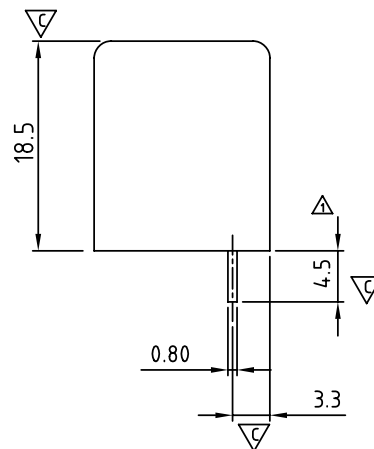


P.C.B Layout  
BOTTOM VIEW

N= Number of Poles  
Dimension Dim A. B

|       |            |
|-------|------------|
| Dim A | N×10.0+2.0 |
| Dim B | (N-1)×10.0 |

| Poles   | Dim.A | Dim.B |
|---------|-------|-------|
| 2p-5p   | ±0.20 | ±0.20 |
| 6p-10p  | ±0.25 | ±0.25 |
| 11p-16p | ±0.35 | ±0.35 |
| 17p-24p | ±0.40 | ±0.40 |
| 25p-30p | ±0.50 | ±0.50 |



| SIGN | DATE     | DESCRIPTION                            | APPROVER |
|------|----------|----------------------------------------|----------|
| △    | 5/28'03  | Dimension changed from 4.2 to 4.5      | DAWN     |
| △    | 2/04'06  | Part No. changed                       | Tony     |
| △    | 11/20'12 | Change the screw plating specification | Guoxue   |
| △    | 11/20'12 | Change the dimensional tolerance       | Guoxue   |

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

#### MATERIALS ELECTRICAL

RATED VOLTAGE & CURRENT:

300 V, 25 A

WITHSTAND VOLTAGE:

AC 2000 V/Min

INSULATION RESISTANCE:

1000 MΩ OR MORE AT DC 500 V

OPERATING TEMPERATURE RANG:

-40 °C ~ +115 °C

SCREW TORQUE VALUE:

8.8 Lb-In.

WIRE RANGE:

22 - 12 AWG

1) MOLDED PARTS:

THERMOPLASTIC, UL 94 V-0 BLACK

2) TERMINAL:

BRASS, 0.8t, Tin PLATED

3) TERMINAL SCREWS:

STEEL, M3.5

APPROVAL:

Critical dimension:

△ PART NO.:

YK 612 xx 0 x x 00G

RoHS compliant  
(lead<4%)  
In copper Alloy

NO. OF POLES

02: 2 POLES

03: 3 POLES

04: 4 POLES

...

30: 30 POLES

MARK

0: "@" MARK

1: "ANY" MARK

TERMINAL & SCREW PLATED

0: TERMINAL & SCREW: G/F

△ 1: TERMINAL: G/F, SCREW: ZINC

2: TERMINAL: Sn, SCREW: G/F

△ 3: TERMINAL: Sn, SCREW: ZINC

# ANYTEK

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|          |                          |                      |                      |                                                                                       |             |            |           |
|----------|--------------------------|----------------------|----------------------|---------------------------------------------------------------------------------------|-------------|------------|-----------|
| TITLE    | YK-612 W/O Flange Series |                      |                      |                                                                                       |             |            |           |
| PART NO. | YK612xx0xx00G            |                      |                      | DWG NO.                                                                               | 8YK0001-612 |            |           |
| APPROVED | CHECKED                  | DESIGNED             | DRAWN                | CUST NO.                                                                              |             |            | Tolerance |
|          |                          | Guoxue<br>2012.12.01 | Guoxue<br>2012.12.01 |  | UNIT: mm    | X. ±0.50   |           |
|          |                          |                      |                      |                                                                                       | SCALE: NONE | X.X ±0.30  |           |
|          |                          |                      |                      | SHEET: 01/01                                                                          | REV.: D     | X.XX ±0.10 |           |
|          |                          |                      |                      |                                                                                       |             | X° ±1°     |           |

# Mouser Electronics

Authorized Distributor

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## Amphenol:

|                                      |                                      |                                      |                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| <a href="#"><u>YK6120203000G</u></a> | <a href="#"><u>YK6120303000G</u></a> | <a href="#"><u>YK6120403000G</u></a> | <a href="#"><u>YK6120503000G</u></a> | <a href="#"><u>YK6120603000G</u></a> | <a href="#"><u>YK6120703000G</u></a> |
| <a href="#"><u>YK6120803000G</u></a> | <a href="#"><u>YK6120903000G</u></a> | <a href="#"><u>YK6121003000G</u></a> | <a href="#"><u>YK6121103000G</u></a> | <a href="#"><u>YK6121203000G</u></a> | <a href="#"><u>YK6121303000G</u></a> |
| <a href="#"><u>YK6121403000G</u></a> | <a href="#"><u>YK6121503000G</u></a> | <a href="#"><u>YK6121603000G</u></a> | <a href="#"><u>YK6121703000G</u></a> | <a href="#"><u>YK6121803000G</u></a> | <a href="#"><u>YK6121903000G</u></a> |
| <a href="#"><u>YK6122003000G</u></a> | <a href="#"><u>YK6122103000G</u></a> | <a href="#"><u>YK6122203000G</u></a> | <a href="#"><u>YK6122303000G</u></a> | <a href="#"><u>YK6122403000G</u></a> | <a href="#"><u>YK6122503000G</u></a> |
| <a href="#"><u>YK6122603000G</u></a> | <a href="#"><u>YK6122703000G</u></a> | <a href="#"><u>YK6122803000G</u></a> | <a href="#"><u>YK6122903000G</u></a> | <a href="#"><u>YK6123003000G</u></a> |                                      |