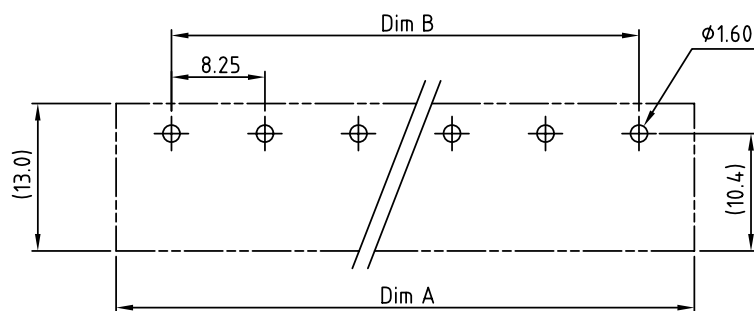
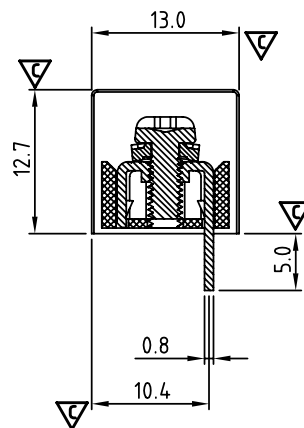
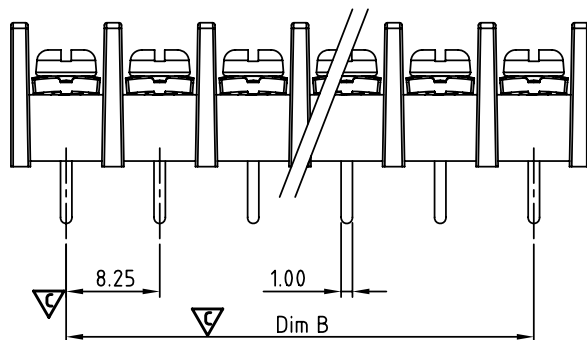
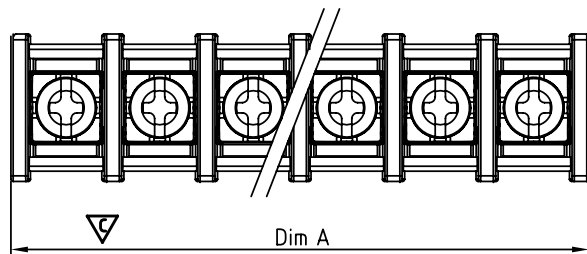




RECOMMENDED PCB LAYOUT ▲

| POLE  | 1      | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     | 12     | 13     | 14     | 15     | 16     |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Dim A |        | 18.22  | 26.47  | 34.72  | 42.97  | 51.22  | 59.47  | 67.72  | 75.97  | 84.22  | 92.47  | 100.72 | 108.97 | 117.22 | 125.47 | 133.72 |
| Dim B |        | 8.25   | 16.50  | 24.75  | 33.00  | 41.25  | 49.50  | 57.75  | 66.00  | 74.25  | 82.50  | 90.75  | 99.00  | 107.25 | 115.50 | 123.75 |
| Tol   | ±0.30  |        |        |        |        |        |        |        | ±0.40  |        |        |        |        |        |        |        |
| POLE  | 17     | 18     | 19     | 20     | 21     | 22     | 23     | 24     | 25     | 26     | 27     | 28     | 29     | 30     | 31     | 32     |
| Dim A | 141.97 | 150.22 | 158.47 | 166.72 | 174.97 | 183.22 | 191.47 | 199.72 | 207.97 | 216.22 | 224.47 | 232.72 | 240.97 | 249.22 | 257.47 | 265.72 |
| Dim B | 132.00 | 140.25 | 148.50 | 156.75 | 165.00 | 173.25 | 181.50 | 189.75 | 198.00 | 206.25 | 214.50 | 222.75 | 231.00 | 239.25 | 247.50 | 255.75 |
| Tol   | ±0.50  |        |        |        |        |        |        |        | ±0.60  |        |        |        |        |        |        |        |

| SIGN                                           | DATE     | DESCRIPTION                            | APPROVER |
|------------------------------------------------|----------|----------------------------------------|----------|
| ▲                                              | 2/06'06  | Part No. changed                       | Tony     |
| ▲                                              | 07/12'10 | Recommended P.C.B Layout is changed    | Aaron    |
| ▲                                              | 11/08'12 | Change the screw plating specification | Jacky    |
| THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!! |          |                                        |          |

#### MATERIALS ELECTRICAL

|                             |                             |
|-----------------------------|-----------------------------|
| RATED VOLTAGE & CURRENT:    | 300 V, 20 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:            | PA 66, UL 94 V-0 BLACK      |
| 2) TERMINAL:                | BRASS, 0.8t, Tin PLATED     |
| 3) TERMINAL SCREWS:         | STEEL, M3                   |

APPROVAL:

▲ PART NO.:

Critical dimension: ▲

YK 421 xx 0 x x 00G

NO. OF POLES

02: 2 POLES  
03: 3 POLES  
04: 4 POLES  
...

30: 30 POLES

RoHS compliant  
(lead<4%) in copper Alloy

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-421 W/O Flange Series |                     |                     |              |             |      |       |
|----------|--------------------------|---------------------|---------------------|--------------|-------------|------|-------|
| PART NO. | YK421xx0xx00G            |                     |                     | DWG NO.      | 8YK0001-421 |      |       |
| APPROVED | CHECKED                  | DESIGNED            | DRAWN               | CUST NO.     | Tolerance   |      |       |
|          |                          | Jacky<br>2012.11.08 | Jacky<br>2012.11.08 |              | UNIT: mm    | X.   | ±0.50 |
|          |                          |                     |                     |              | SCALE: NONE | X.X  | ±0.30 |
|          |                          |                     |                     |              |             | X.XX | ±0.10 |
|          |                          |                     |                     |              |             | X°   | ±1°   |
|          |                          |                     |                     | SHEET: 01/01 | REV.: E     |      |       |

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