

5 4 3 2 1

| REVISIONS | | | | |
|-----------|-------------|---------|-----|------|
| LTR | DESCRIPTION | DATE | DWN | APVD |
| A | RELEASED | 01Jan16 | AW | WK |

MATING DRAW REF

RECOMMENDED PCB LAYOUT

ELECTRICAL:
 VLOTAG RATING:50V AC(RMS)/DC
 CURRENT RATING:0.5A AC(RMS)/DC
 CONTACT RESISTANCE:50MΩ MAX
 INSULATION RESISTANCE:100MΩ MIN
 DIELECTRIC WITHSTANDING VOLTAGE:200V AC R.M.S
 OPERTING TEMPERATURE:-30°C~+80°C
 MATERIRLS
 HOUSING:HIGH TEMPERATURE PLASTIC
 UL94V-0
 TERMINAL:COPPER ALLOY
 MATERIAL:PA9T
 CONTACT:PHOSPHOR BRONAE,GOLD PLATING;

| NO. of Contacts | Dimension (mm) | | | |
|-----------------|----------------|--------|--------|--------|
| | A±0.10 | B±0.10 | C±0.10 | D±0.10 |
| 8 | 4.20 | 1.50 | 3.60 | 2.70 |
| 10 | 4.70 | 2.00 | 4.10 | 3.20 |
| 12 | 5.20 | 2.50 | 4.60 | 3.70 |
| 14 | 5.70 | 3.00 | 5.10 | 4.20 |
| 16 | 6.20 | 3.50 | 5.60 | 4.70 |
| 18 | 6.70 | 4.00 | 6.10 | 5.20 |
| 20 | 7.20 | 4.50 | 6.60 | 5.70 |
| 22 | 7.70 | 5.00 | 7.10 | 6.20 |
| 24 | 8.20 | 5.50 | 7.60 | 6.70 |
| 26 | 8.70 | 6.00 | 8.10 | 7.20 |
| 28 | 9.20 | 6.50 | 8.60 | 7.70 |
| 30 | 9.70 | 7.00 | 9.10 | 8.20 |
| 32 | 10.20 | 7.50 | 9.60 | 8.70 |
| 34 | 10.70 | 8.00 | 10.10 | 9.20 |
| 36 | 11.20 | 8.50 | 10.60 | 9.70 |
| 38 | 11.70 | 9.00 | 11.10 | 10.20 |
| 40 | 12.20 | 9.50 | 11.60 | 10.70 |
| 42 | 12.70 | 10.00 | 12.10 | 11.20 |
| 44 | 13.20 | 10.50 | 12.60 | 11.70 |
| 46 | 13.70 | 11.00 | 13.10 | 12.20 |
| 48 | 14.20 | 11.50 | 13.60 | 12.70 |
| 50 | 14.70 | 12.00 | 14.10 | 13.20 |
| 52 | 15.20 | 12.50 | 14.60 | 13.70 |
| 54 | 15.70 | 13.00 | 15.10 | 14.20 |
| 56 | 16.20 | 13.50 | 15.60 | 14.70 |
| 58 | 16.70 | 14.00 | 16.10 | 15.20 |
| 60 | 17.20 | 14.50 | 16.60 | 15.70 |
| 62 | 17.70 | 15.00 | 17.10 | 16.20 |
| 64 | 18.20 | 15.50 | 17.60 | 16.70 |
| 66 | 18.70 | 16.00 | 18.10 | 17.20 |
| 68 | 19.20 | 16.50 | 18.60 | 17.70 |
| 70 | 19.70 | 17.00 | 19.10 | 18.20 |
| 72 | 20.20 | 17.50 | 19.60 | 18.70 |
| 74 | 20.70 | 18.00 | 20.10 | 19.20 |
| 76 | 21.20 | 18.50 | 20.60 | 19.70 |
| 78 | 21.70 | 19.00 | 21.10 | 20.20 |
| 80 | 22.20 | 19.50 | 21.60 | 20.70 |
| 82 | 22.70 | 20.00 | 22.10 | 21.20 |
| 84 | 23.20 | 20.50 | 22.60 | 21.70 |
| 86 | 23.70 | 21.00 | 23.10 | 22.20 |
| 88 | 24.20 | 21.50 | 23.60 | 22.70 |
| 90 | 24.70 | 22.00 | 24.10 | 23.20 |
| 92 | 25.20 | 22.50 | 24.60 | 23.70 |
| 94 | 25.70 | 23.00 | 25.10 | 24.20 |
| 96 | 26.20 | 23.50 | 25.60 | 24.70 |
| 98 | 26.70 | 24.00 | 26.10 | 25.20 |
| 100 | 27.20 | 24.50 | 26.60 | 25.70 |

| High photosynthesis (H) | The female seat height (H1) | The male seat height (H2) | Insertion height (H3) |
|-------------------------|-----------------------------|---------------------------|-----------------------|
| 4.0 | 3.0 | 1.0 | 1.9 |
| 4.5 | 3.5 | 1.0 | 1.9 |
| 5.0 | 3.0/4.0 | 2.0/1.0 | 1.9 |
| 5.5 | 3.5/4.5 | 2.0/1.0 | 1.9 |
| 6.0 | 4.0 | 2.0 | 1.9 |
| 6.5 | 4.5 | 2.0 | 1.9 |

YL007-003-XXX
PART NUMBER

| | | | |
|------------------------------------------------------------------------------------------|--|----------------------------------|--------------------------------------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN A. WU 01Jan2016 | 东莞市宇亮电子有限公司 DONG GUAN YU LIANG ELECTRONICS CO.,LTD |
| DIMENSIONS: mm | | CHEK S. CHIEN 01Jan2016 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD Abel 01Jan2016 | NAME 0.8MM BOARD TO BOARD 母座 双槽立式 |
| 0 PLC ± 0.50 1 PLC ± 0.30 2 PLC ± 0.20 3 PLC ± 0.15 4 PLC ± - ANGLES ± 3° | | PRODUCT SPEC — WEIGHT — | SIZE A4 |
| THIRD ANGLE PROJECTION | | CUSTOMER DRAWING | DRAWING No. YL007-003 |
| | | SCALE 1 : 1 | SHEET 1 of 1 |

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