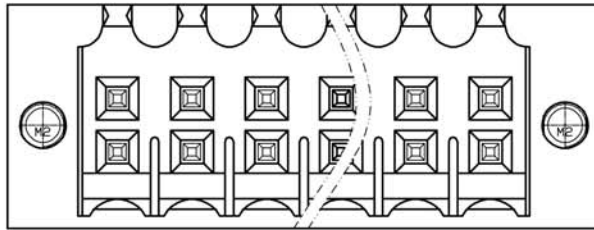
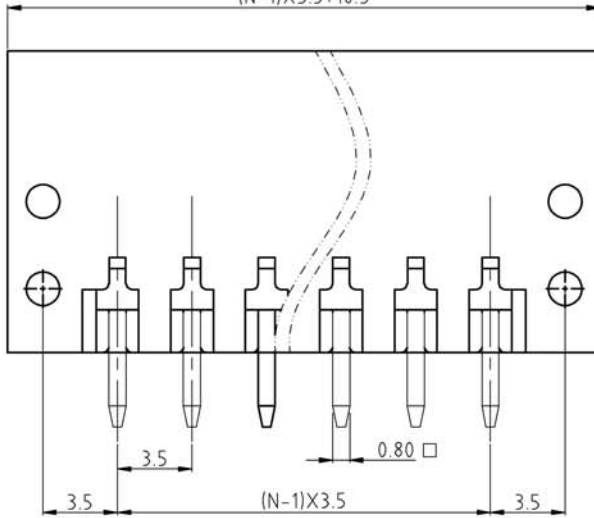


| SIGN | DESCRIPTION | DATE | APPROVER |
|------|-------------|------|----------|
|      |             |      |          |
|      |             |      |          |

N=Number of contacts

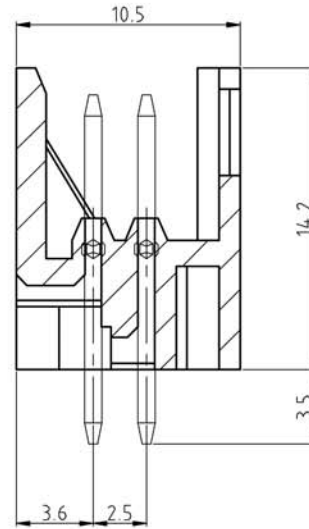
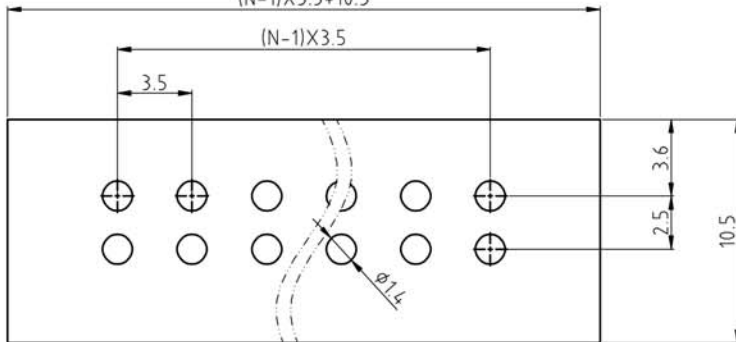


$(N-1) \times 3.5 + 10.3$



PCB. LAYOUT

$(N-1) \times 3.5 + 10.3$



Technical Data:

Material:

Solder Pin: Copper Alloy Tin plated

Square nut : Copper Alloy Tin plated

Insulator body(housing): Polyamide(Glass filled)(UL94V-0)

Electrical

Voltage rating: 300VAC

Current rating: 12 Amps/way max

Withstanding Voltage: 2500VAC(1min) Test time=60sec/1pcs

Mechanical:

Operating temperature:  $-40^{\circ}\text{C}$  to  $+105^{\circ}\text{C}$

Soldering reliability:

Test temperature=  $250^{\circ}\text{C} \pm 10^{\circ}\text{C}$

5 seconds max

Ordering Information:

F83-A-3 XX 0 X X X 0

- 02 2Pin
- To To
- 24 24Pin
- 5 Green
- 6 Blue
- A Black
- 0 Open
- 1 Close
- 3 Square nut
- 0  $180^{\circ}$
- 1  $90^{\circ}$

**WELINK** 上海拓尔普电子科技有限公司  
Welink International Co., LTD.

|                    |                            |                       |
|--------------------|----------------------------|-----------------------|
| TOLERANCE          | APPROVED:                  | NAME:                 |
| X $\pm 0.30$       | CHECKED:                   | F83-A Pitch 3.5mm -   |
| X.X $\pm 0.15$     | DRAWN: YangMing 2013,01,25 | Square nut-180D       |
| X.XX $\pm 0.05$    | UNITS: mm                  | -Series               |
| X° $\pm 1^{\circ}$ | REV: A                     | PART NO: F83A3XX003X0 |
|                    | SCALE: 4 / 1               | PAGE: 1 / 1           |
|                    |                            | DWG NO: 9F83A3301A    |