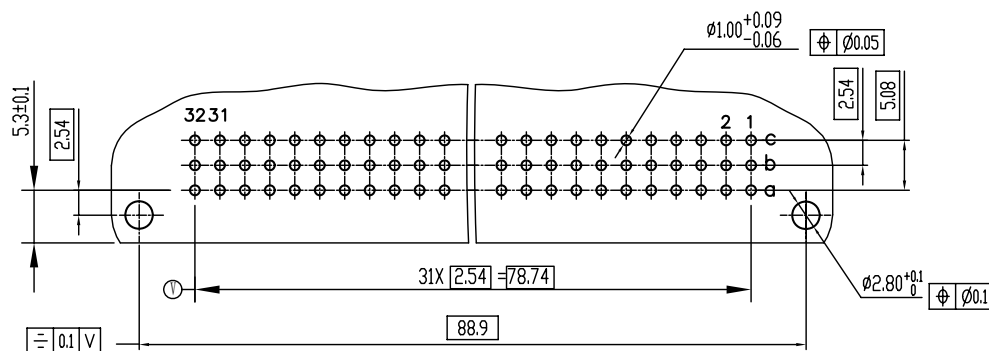
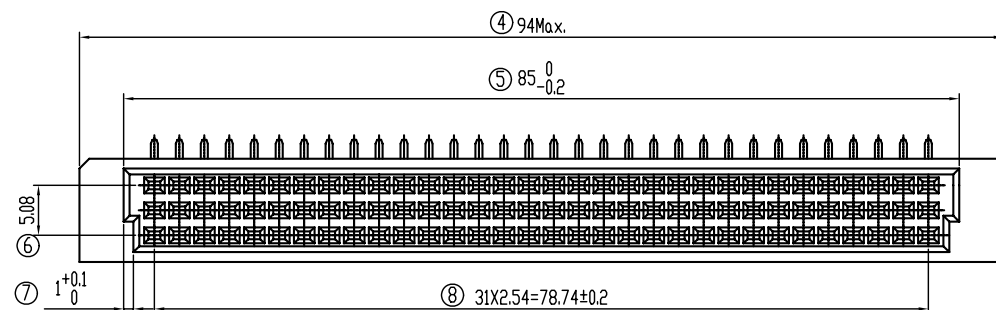
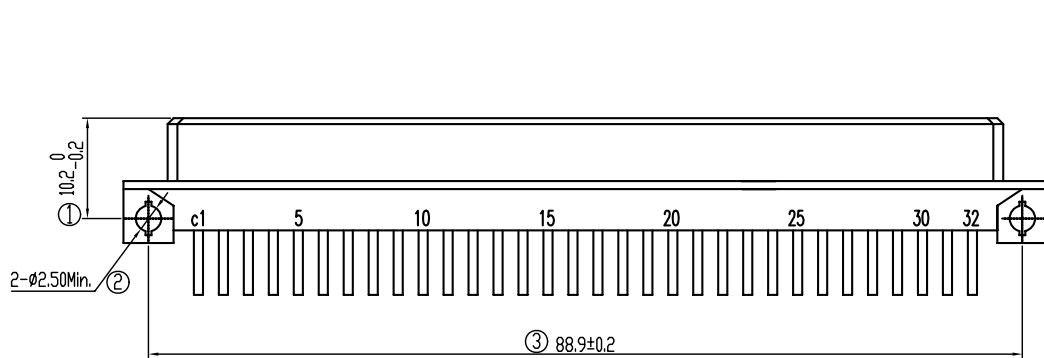
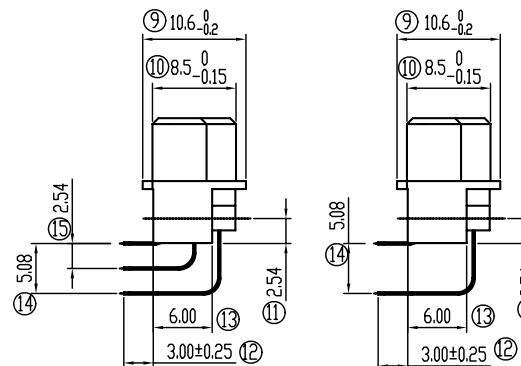




RECOMMENDED PCB LAYOUT

Unless otherwise specified tolerance:

|     |        |      |      |
|-----|--------|------|------|
| X.  | ± 0.50 | X. ° | ± 3° |
| .X  | ± 0.38 | .X°  | ± 2° |
| .XX | ± 0.25 |      |      |



THREE ROWS TAIL

TWO ROWS TAIL

## Performance characteristics:

### 1. Main body part material

Insulator: PBT GREY UL94V-0

Contact terminal: Phosphor bronze, 1.27μm Ni under plated, outer plating see spec list

### 2. Electrical requirements:

Current rating: 1.5 A (at 20°C)

contact resistance: ≤ 20 mΩ

insulation resistance: ≥ 10<sup>6</sup> MΩ

Withstanding voltage: 1000 Vr.m.s, 1mA, 60s

### 3. MECHANICAL REQUIREMENTS

INSERTION FORCE: ≤ 0.94N/pin

EXTRACTION FORCE: ≥ 0.15N/pin

### 4. Environment specification

Working temperature: -55°C ~ +125°C

### 5. Applicable standard: DIN41612

### 6. Packing & storing

Method of packing: Tray, inner box, outer box

Storing condition: temperature of -10°C ~ +40°C

below 80% relative humidity

### 6. Style of installation: Solder pcb installation

### 7. To prevent the pollution of the environment product info

RoHS agreement: In line with the european union RoHS.

n823- X32- 7 X - A

| Series code | Terminal&array  | Tail code       | Plating code              | Insulator material&color |
|-------------|-----------------|-----------------|---------------------------|--------------------------|
|             | Code Definition | Code Definition | Code Definition           | Code Definition          |
|             | 232 2*32        | 7 right angle   | 5 Gold flash              | A PBT grey UL94V-0       |
|             | 332 3*32        |                 | 7 Au 0.38 μm              | X Customized             |
|             |                 |                 | 8 Au 0.76 μm              |                          |
|             |                 |                 | E PdNi 0.38 μm+Gold flash |                          |
|             |                 |                 | F PdNi 0.76 μm+Gold flash |                          |
|             |                 |                 | X Customized              |                          |

| Mark | NO. | File NO.   | Signature | Date       |
|------|-----|------------|-----------|------------|
| ②    | 2   | SN-0002045 | LAWRENCE  | 2012.07.16 |
| DRAW |     |            |           |            |
| CHK  |     |            |           |            |
| MAN  |     |            |           |            |
| STD  |     |            |           |            |
| APP  |     |            |           |            |

DIN41612 CONN.R TYPE  
FEMALE/RIGHT ANGLE

n823-x32-7x-A

wrj-n823

| Projection | Rev. | Weight | Scale |
|------------|------|--------|-------|
| ⊕          | A1   |        |       |

All Dimensions in mm Sheet 1 of 1

深圳市威尔杰电子有限公司