



Recommended PCB LAYOUT  
Tolerance: ± 0.05

Unless otherwise specified tolerance:

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

#### Performance characteristics:

##### 1.Main body part material

Insulator: LCP BLACK UL94V-0

Terminal: Copper alloy, under plated Ni 1.27 μm min, contact area plated Au 0.25 μm, tail plated Sn

##### 2.Electrical requirements:

Current rating: 2A/Pin

Contact resistance: ≤ 20 mΩ

Insulation resistance: ≥ 1000 MΩ

Withstanding voltage: 500 Vr.m.s, 1mA, 60s

##### 3.Mechanical requirements

Retention force: ≥ 3 N/pin(after solder)

##### 4.Environment specification

Working temperature: -55℃ ~ +125℃

Resistance to soldering heat: 260℃ 30S(PIP)

##### 5.Packing & storing

Method of packing: tape & reel, outer box

Storing condition: temperature of -10℃ ~ +40℃  
below 80% relative humidity

##### 6.Style of installation: solder PCB installation(PIP)

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

RoHS agreement: In line with the European Union RoHS.

|      |     |          |           |      |                                                |      |        |       |
|------|-----|----------|-----------|------|------------------------------------------------|------|--------|-------|
| Mark | NO. | File NO. | Signature | Date | SL0.1212.019                                   |      |        |       |
| DRAW | CHK | MAN      | STD       | APP  | Projection                                     | Rev. | Weight | Scale |
|      |     |          |           |      |                                                | A0   |        |       |
|      |     |          |           |      | All Dimensions in mm                           |      |        |       |
|      |     |          |           |      | Sheet 1 of 1                                   |      |        |       |
|      |     |          |           |      | SHINNING SHENZHEN SHINNING ELECTRONIC CO.,LTD. |      |        |       |

2.00mm quad row straight  
box header 4X28PIN

1212-A1E-46-3