

RoHS Compliant

## Specifications:

## Material And Finish:

Insulator:Nylon 66/PBT UL94V-0 Color:Natural

Contact:Copper Alloy

Plated:See Ordering Information

## Rating:

Current Rating:3.0 Amp(22AWG)

Voltage Rating:250V AC/DC

Operating Temperature Range:-40°~+105°C

## Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

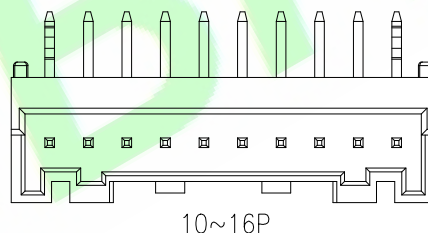
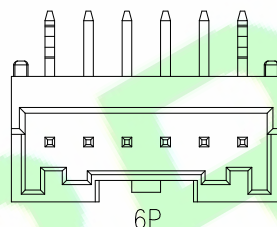
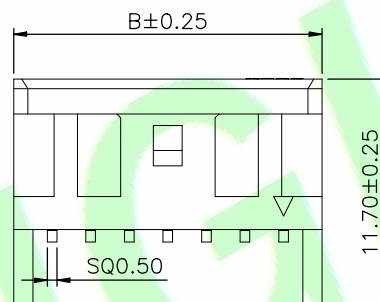
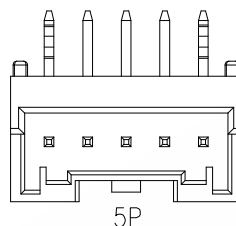
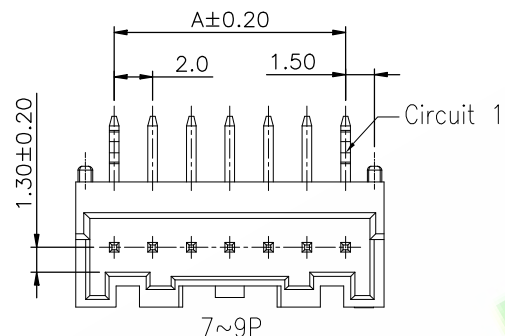
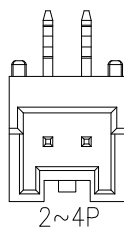
Withstanding Voltage:800V AC/Minute

## Ordering Information

A2005R-XXQ-XX-XX

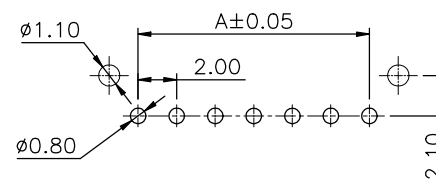
1 2 3 4 5 6 7

- 1: — Series No.  
 2: — R:R/A Type  
 3: — No. of Positions  
 4: — Q: Tin Plated  
 5: — 01: W/0 Peg  
       02: W/1 Peg  
 6: — L: PA66  
       P: PBT  
 7: — A: In bag  
       B: In Tube  
       C: In Tray



01: W/0 Peg

02: W/1 Peg



Recommended PCB Layout

| Poles | Dimensions (mm) |       |
|-------|-----------------|-------|
|       | A               | B     |
| 02P   | /               | 6.00  |
| 03P   | 4.00            | 8.00  |
| 04P   | 6.00            | 10.00 |
| 05P   | 8.00            | 12.00 |
| 06P   | 10.00           | 14.00 |
| 07P   | 12.00           | 16.00 |
| 08P   | 14.00           | 18.00 |
| 09P   | 16.00           | 20.00 |
| 10P   | 18.00           | 22.00 |
| 11P   | 20.00           | 24.00 |
| 12P   | 22.00           | 26.00 |
| 13P   | 24.00           | 28.00 |
| 14P   | 26.00           | 30.00 |
| 15P   | 28.00           | 32.00 |
| 16P   | 30.00           | 34.00 |

|      |                     |         |          |
|------|---------------------|---------|----------|
| 2X   | Update PCB aperture | Judyyan | 20240802 |
| 1X   | ORIGINAL            | Judyyan |          |
| REV. | DESCRIPTION         | DR.BY   | ECN. NO. |

|                    |                    |               |                                       |
|--------------------|--------------------|---------------|---------------------------------------|
| DR.BY.:<br>Judyyan | GENERAL TOLERANCE: |               | PART NO : A2005R-XXQ-XX-XX            |
|                    | LINEAR             | ANGLES        |                                       |
| CHKD.:<br>Mark     | X.: ±0.30          | X': ±5.0°     | DWG. NO.:                             |
|                    | X.X: ±0.20         | X.X': ±3.0°   |                                       |
| APPD.:<br>Billy    | X.XX: ±0.15        | X.XX': ±2.0°  | TITLE :<br>2.0mm Pitch Wafer R/A Type |
|                    | X.XXX: ±0.10       | X.XXX': ±1.0° |                                       |
|                    |                    |               | DATE: 6-Aug-2020                      |

**HJBRIGHT®** 东莞市華晶電子有限公司  
 BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED

SHEET: 1/1  
 SCALE: 1:1  
 UNIT: mm



THIRD ANGLE PROJECTION

A4