

**Specifications:****Material And Finish:**

Insulator: PA6T/LCP UL94V-0 Color: Black

Contact: Brass

Plated: See Ordering Information

**Rating:**

Current Rating: 8.5Amp (2P/18AWG)

Voltage Rating: 600V AC/DC

Operating Temperature Range:

PA6T: -40°~+125°C

LCP: -55°~+125°C

**Electrical:**

Contact resistance: 10m Ohm Max

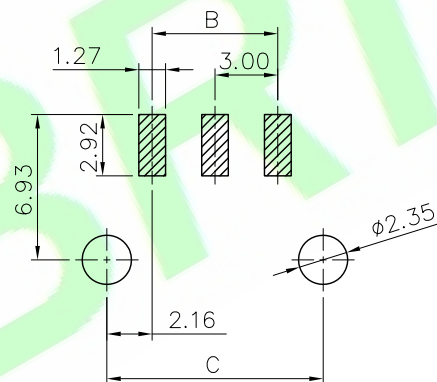
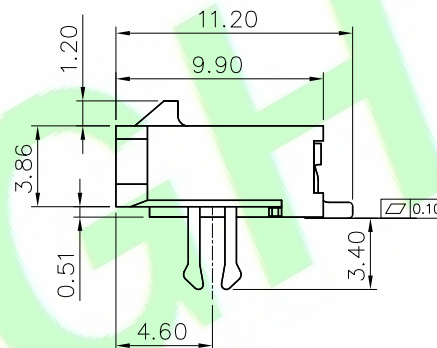
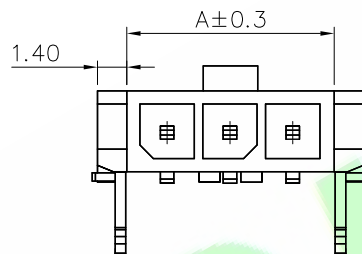
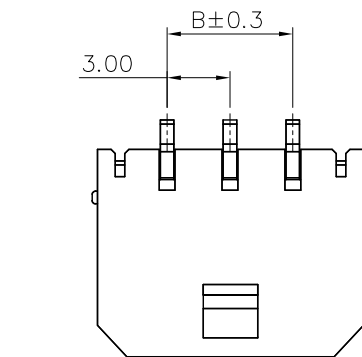
Insulator resistance: 1000M ohm min.

Withstanding Voltage: 1500V AC/Minute

**Ordering Information****A3001H-XXX-03-XG**

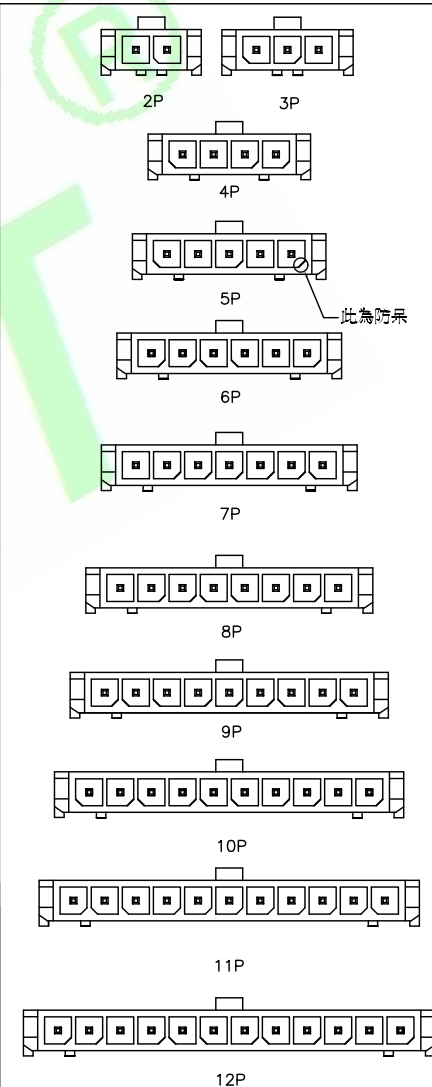
1 2 3 4 5 6

- 1: —Series No.  
 2: —H: Horizontal SMT Type  
 3: —No. of Positions  
 4: —Q: Tin Plated  
       S: Matte Tin Plated  
       A1: Gold flash on contact; Tin on tail  
 5: —N: PA6T  
       C: LCP  
 6: —G: Tape & Reel



Recommended PCB Layout

| Poles | Dimensions(mm) |       |       |
|-------|----------------|-------|-------|
|       | A              | B     | C     |
| 02    | 6.85           | 3.00  | 7.30  |
| 03    | 9.85           | 6.00  | 10.30 |
| 04    | 12.85          | 9.00  | 13.30 |
| 05    | 15.85          | 12.00 | 16.30 |
| 06    | 18.85          | 15.00 | 19.30 |
| 07    | 21.85          | 18.00 | 22.30 |
| 08    | 24.85          | 21.00 | 25.30 |
| 09    | 27.85          | 24.00 | 28.30 |
| 10    | 30.85          | 27.00 | 31.30 |
| 11    | 33.85          | 30.00 | 34.30 |
| 12    | 36.85          | 33.00 | 37.30 |



PH3.0 Wafer 防呆位置分部示意图

|      |             |         |          |
|------|-------------|---------|----------|
| 5X   |             |         |          |
| 4X   |             |         |          |
| 3X   |             |         |          |
| 2X   |             |         |          |
| 1X   | ORIGINAL    | Judyyan |          |
| REV. | DESCRIPTION | DR.BY   | ECN. NO. |

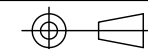
|        |        |  |
|--------|--------|--|
| DR.BY: | Samson |  |
| CHKD.: | Tony   |  |
| APPD.: | Billy  |  |

| GENERAL TOLERANCE: |              |
|--------------------|--------------|
| LINEAR             | ANGLES       |
| X: ±5.0°           |              |
| X.X: ±0.30         | X.X: ±3.0°   |
| X.XX: ±0.20        | X.XX: ±2.0°  |
| X.XXX: ±0.10       | X.XXX: ±1.0° |

|                                                                  |  |
|------------------------------------------------------------------|--|
| PART NO : A3001H-XXX-03-XG                                       |  |
| DWG. NO.:                                                        |  |
| TITLE : 3.0mm Pitch Wafer Horizontal SMT Type A-The harpoon type |  |
| DATE: 5-May-2021                                                 |  |

**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**