

RoHS Compliant

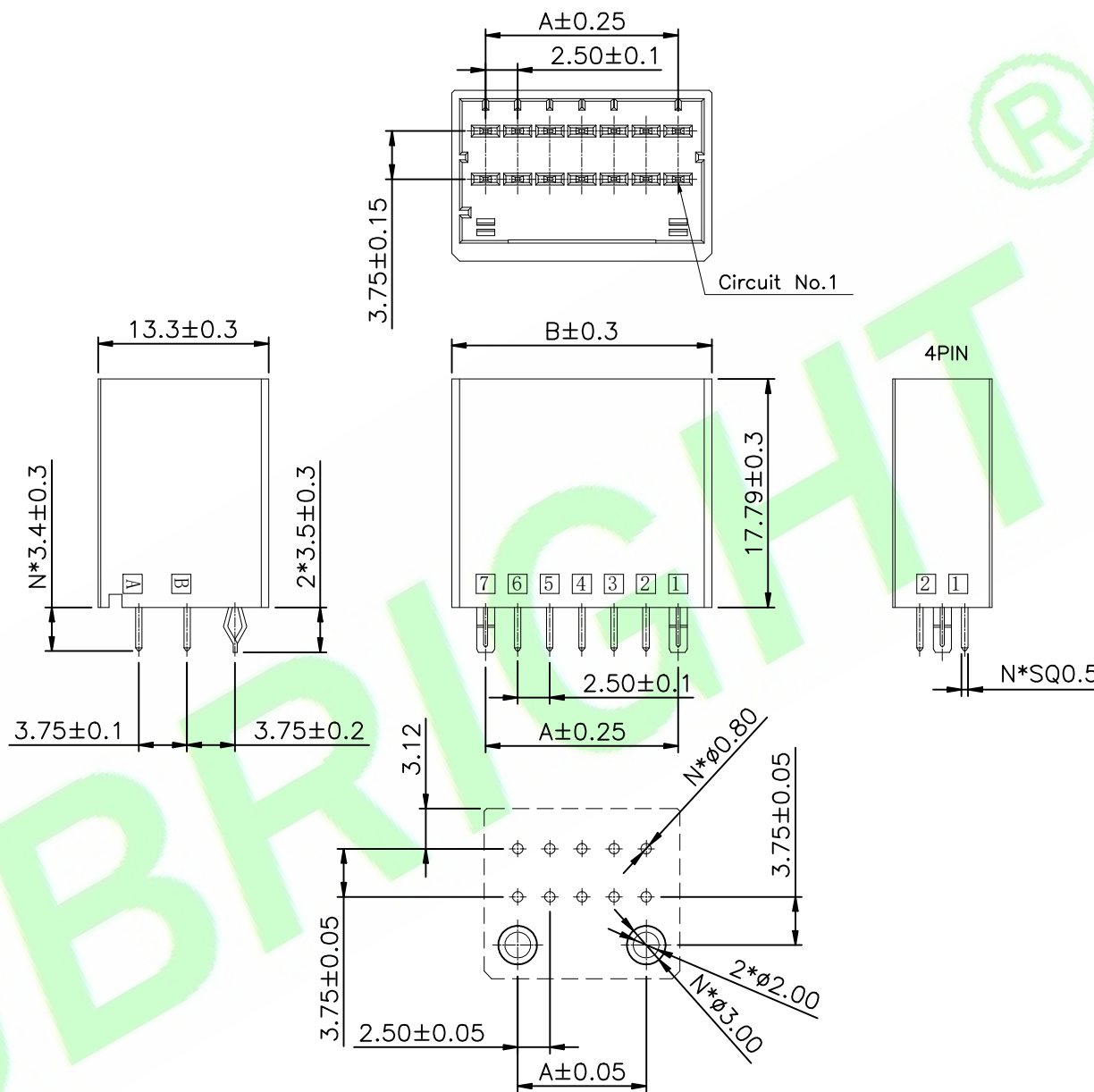
Specifications:  
Material And Finish:  
Insulator: PBT UL94V-0  
Contact: Copper alloys  
Plated: See Ordering Information

Rating:  
Current Rating: 5 Amp  
Voltage Rating: 250V  
Operating Temperature Range:  $-25^{\circ}\sim+85^{\circ}\text{C}$

Electrical:  
Contact resistance: 10m ohm Max  
Insulator resistance: 1000M ohm min  
Withstanding Voltage: 1500V AC/Minute

Ordering Information  
A25200S-XXX-01-XXX  
1 2 3 4 5 6 7

- 1: Series No.  
2: S: Straight Type  
3: No. of Positions  
4: A: Gold Flash  
Q: Tin Plated  
S: Matte Tin Plated  
AG: Silver plating  
5: P: PBT  
L: PA66  
N: PA6T  
G: PA9T  
C: LCP  
6: N: Natural Y: Yellow  
B: Black B: Blue  
R: Red GN: Green  
Br: Brown V: Violet  
G: Grey O: Orange  
6: A: In bag  
C: In tray  
G: Tape & Reel



Recommended PCB LAYOUT

| Circuits | Dimensions (mm) |       |
|----------|-----------------|-------|
|          | A               | B     |
| 2X2      | 2.50            | 7.75  |
| 2X3      | 5.00            | 10.25 |
| 2X4      | 7.50            | 12.75 |
| 2X5      | 10.00           | 15.25 |
| 2X6      | 12.50           | 17.75 |
| 2X7      | 15.00           | 20.25 |
| 2X8      | 17.50           | 22.75 |
| 2X9      | 20.00           | 25.25 |
| 2X10     | 22.50           | 27.75 |
| 2X11     | 25.00           | 30.25 |
| 2X12     | 27.50           | 32.75 |
| 2X13     | 30.00           | 35.25 |
| 2X14     | 32.50           | 37.75 |
| 2X15     | 35.00           | 40.25 |
| 2X16     | 37.50           | 42.75 |
| 2X17     | 40.00           | 45.25 |
| 2X18     | 42.50           | 47.75 |
| 2X19     | 45.00           | 50.25 |
| ~        | ~               | ~     |
| 2X25     | 60.00           | 65.25 |

|                    |                    |                          |                                                                |
|--------------------|--------------------|--------------------------|----------------------------------------------------------------|
| DR.BY.:<br>Judyyan | GENERAL TOLERANCE: |                          | PART NO : A25200S-XXX-01-XXX                                   |
|                    | LINEAR             | ANGLES                   |                                                                |
| CHKD.:<br>Hu.ch    | x.:<br>x.x: ±0.35  | x': ±5.0°<br>x.x': ±3.0° | DWG. NO.:<br><br>TITLE :<br>2.50*3.75Pitch Wafer Straight Type |
|                    | x.xx: ±0.25        | x.xx': ±2.0°             |                                                                |
| APPD.:<br>Billy    | x.xxx: ±0.15       | x.xxx': ±1.0°            |                                                                |
|                    |                    |                          | DATE: 29-Jul-2024                                              |

**HJBRIGHT** 東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

|      |             |         |          |
|------|-------------|---------|----------|
| 1X   | ORIGINAL    | Judyyan |          |
| REV. | DESCRIPTION | DR.BY   | ECN. NO. |