

## Specifications:

Material And Finish:

Insulator:PA6T UL94V-0 Color:Black

Contact:Copper alloy

Plated:See Ordering Information

## Rating:

Current Rating:3.0 Amp

Voltage Rating:250V AC/DC

Operating Temperature Range:-40~+105°C

## Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:500V AC/Minute

## Ordering Information

S25442S3-XXX85A-NX

1 2 3 4 5

1:— Series No.

2:— S: Straight Type

3:— No. of Positions

4:— A: Gold Flash

H: Gold Flash on contact; Matte Tin on tail

L: 15u" Gold on contact; Matte Tin on tail

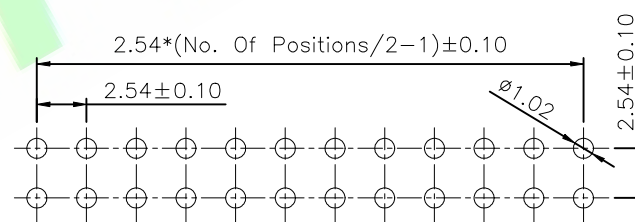
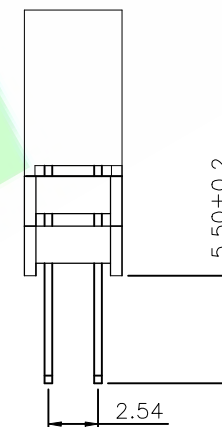
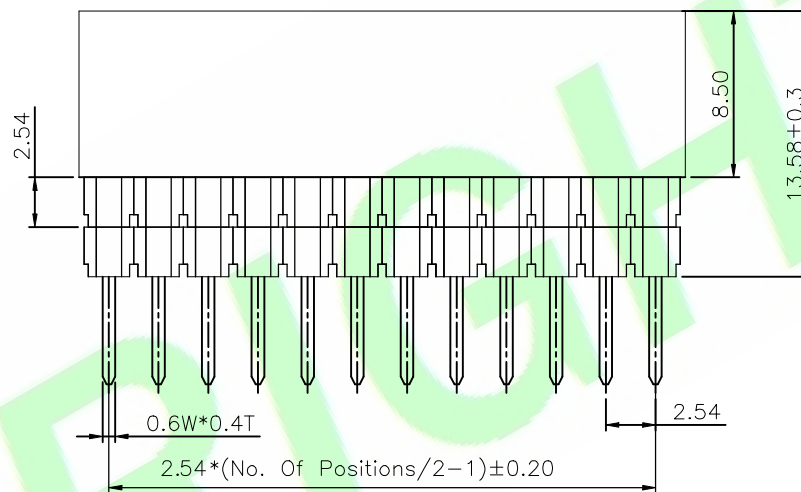
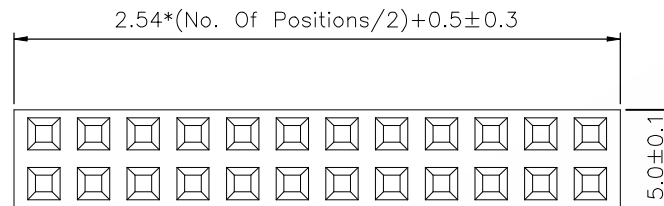
Y: 30u" Gold on contact; Matte Tin on tail

S: Matte Tin Plated

5:— A: In bag

B: In Tube

C: In Tray



## Recommended PCB Layout

|      |             |         |          |                    |                    |               |                                                            |                        |                                                                                    |                                                                                       |    |
|------|-------------|---------|----------|--------------------|--------------------|---------------|------------------------------------------------------------|------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----|
|      |             |         |          | DR.BY.:<br>Judyyan | GENERAL TOLERANCE: |               | PART NO : S25442S3-XXX85A-NX                               |                        | <div>HJBRIGHT® 東莞市華晶電子有限公司</div> <div>BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED</div> |                                                                                       |    |
|      |             |         |          | CHKD.:<br>Tony     | LINEAR             | ANGLES        | DWG. NO.:                                                  |                        |                                                                                    |                                                                                       |    |
|      |             |         |          |                    | x.: ±0.30          | x': ±5.0°     | TITLE :<br>2.54mm Pitch PCB<br>Socket Header Straight Type |                        |                                                                                    |                                                                                       |    |
|      |             |         |          |                    | x.x: ±0.20         | x.x': ±3.0°   |                                                            |                        |                                                                                    |                                                                                       |    |
| 1X   | ORIGINAL    | Judyyan |          | APPD.:             | x.xx: ±0.15        | x.xx': ±2.0°  | DATE: 18-May-2019                                          |                        | SHEET: 1/1                                                                         |  | A4 |
| REV. | DESCRIPTION | DR.BY   | ECN. NO. | Billy              | x.xxx: ±0.10       | x.xxx': ±1.0° |                                                            |                        | SCALE: 1:1                                                                         |                                                                                       |    |
|      |             |         |          |                    |                    |               | UNIT: mm                                                   | THIRD ANGLE PROJECTION |                                                                                    |                                                                                       |    |