

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

Insulator:PA6T UL94V-0 Color:Black

Contact:Brass

Plated:See Ordering Information

**Rating:**

Current Rating:3.0 Amp

Voltage Rating:250V AC/DC

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

**Electrical:**

Contact resistance:30m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:500V AC/Minute

**Ordering Information****B25422S-XXX-XX-NX**

1 2 3 4 5 6

1:—Series No.

2:—S: Straight Type

3:—No. of Positions

4:—A: Gold Flash

D:10u"Gold on Contact;Gold Flash on tail

F:20u"Gold on Contact;Gold Flash on tail

H: Selective Gold Plated

Q: Tin Plated

T:10u"Gold on Contact;Matte Tin on tail

Y:30u"Gold on Contact;Matte Tin on tail.

S:Matte Tin Plated.

5:—A:01=11.44mm 02=29.5mm

03=22.0mm 04=54.0mm

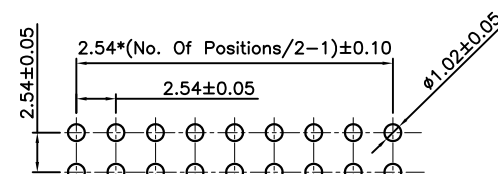
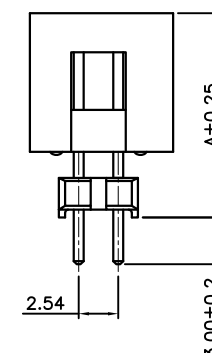
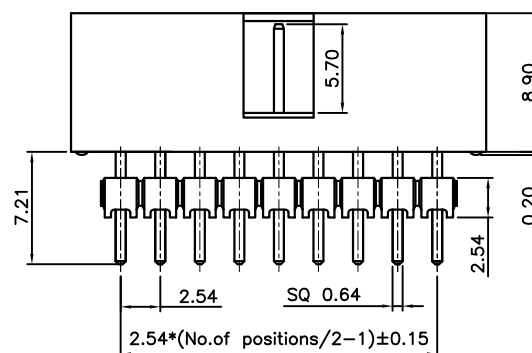
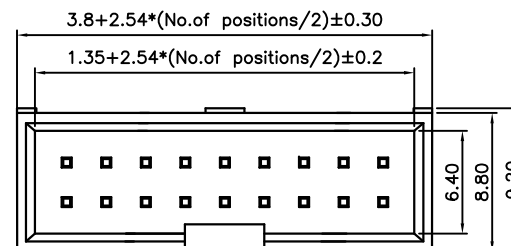
05=30.0mm 06=59.0mm

07=82.4mm

6:—A: In bag

B: In Tube

C: In Tray



Recommended PCB Layout

|      |             |       |          |         |                    |               |                                                  |                                                                        |  |                                                                                       |    |   |  |   |  |
|------|-------------|-------|----------|---------|--------------------|---------------|--------------------------------------------------|------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|----|---|--|---|--|
| 5X   |             |       |          | DR.BY.: | GENERAL TOLERANCE: |               | PART NO : B25422S-XXX-XX-NX                      | <b>HJBRIGHT®</b> 東莞市華晶電子有限公司<br>BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED |  |                                                                                       |    |   |  |   |  |
| 4X   |             |       |          | Tsw     | LINEAR             | ANGLES        | DWG. NO.:                                        |                                                                        |  |                                                                                       |    |   |  |   |  |
| 3X   |             |       |          | CHKD.:  | x.: ±0.30          | x': ±5.0°     | TITLE : 2.54mm Pitch<br>Box Header Straight Type | SHEET: 1/1                                                             |  |  | A4 |   |  |   |  |
| 2X   |             |       |          | Ren     | x.x: ±0.20         | x.x': ±3.0°   |                                                  | SCALE: 1:1                                                             |  |                                                                                       |    |   |  |   |  |
|      |             |       |          | APPD.:  | x.xx: ±0.15        | x.xxx: ±2.0°  |                                                  | UNIT: mm                                                               |  |                                                                                       |    |   |  |   |  |
| REV. | DESCRIPTION | DR.BY | ECN. NO. | Billy   | x.xxx: ±0.10       | x.xxx': ±1.0° | DATE: 28-Aug-2020                                |                                                                        |  | THIRD ANGLE PROJECTION                                                                |    |   |  |   |  |
| 1    |             | 2     |          | 3       |                    | 4             |                                                  | 5                                                                      |  | 6                                                                                     |    | 7 |  | 8 |  |