

## Specifications:

## Material And Finish:

Insulator:Nylon 46 UL94V-0 Color:Black  
& PA 6T UL94V-0 Color:Black  
& PBT UL94V-0 Color:Black

## Contact:Brass

Plated:See Ordering Information

## Rating:

Current Rating:3.0 Amp

Voltage Rating:250V AC/DC

Operating Temperature Range:-65°~+105°C

## Electrical:

Contact resistance:30m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:1000V AC/Minute

## Ordering Information

B2543S-XXX-XX-XX

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|

1:—Series No.

2:—S: Straight Type

3:—No. of Positions

4:—A: Gold Flash

H: Selective Gold Plated

Q: Tin Plated

5:—D: 01=3.2mm 02=2.8mm  
03=2.9mm 04=4.35mm  
05=3.5mm 09=4.0mm

6:—A: Nylon 46

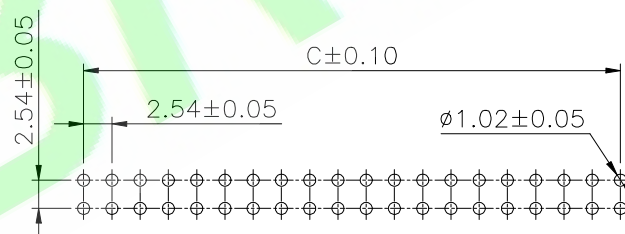
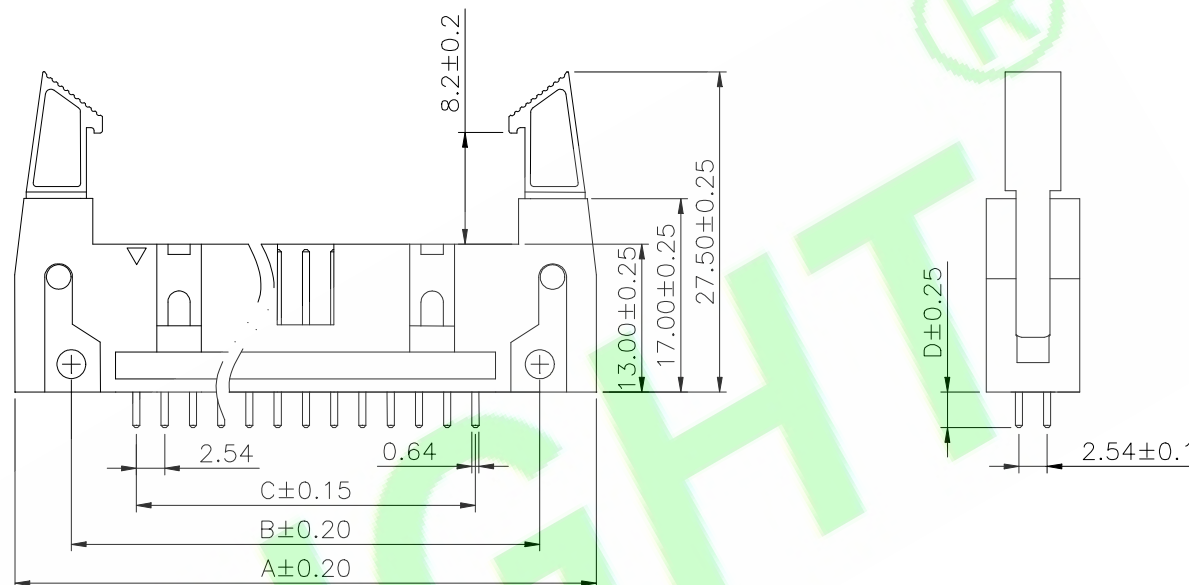
N: PA6T

P: PBT

7:—A: In bag

B: In Tube

C: In Tray



Recommended PCB Layout

| SIZE | A      | B     | C     |
|------|--------|-------|-------|
| 10   | 32.00  | 21.84 | 10.16 |
| 14   | 37.08  | 26.92 | 15.24 |
| 16   | 39.62  | 29.46 | 17.78 |
| 20   | 44.70  | 34.54 | 22.86 |
| 26   | 52.32  | 42.16 | 30.48 |
| 30   | 57.40  | 47.24 | 35.56 |
| 34   | 62.48  | 52.32 | 40.64 |
| 40   | 70.10  | 59.94 | 48.26 |
| 50   | 82.80  | 72.64 | 60.96 |
| 60   | 95.50  | 85.34 | 73.66 |
| 64   | 100.58 | 90.42 | 78.74 |

DR.BY.:  
Tsw

## GENERAL TOLERANCE:

## LINEAR

## ANGLES

X.: ±0.30

X': ±5.0°

X.X: ±0.20

X.X': ±3.0°

X.XX: ±0.15

X.XX': ±2.0°

X.XXX: ±0.10

X.XXX': ±1.0°

PART NO : B2543S-XXX-XX-XX

DWG. NO.:

TITLE :  
2.54mm Pitch  
Box Header Straight Type

DATE: 13-Aug-2020

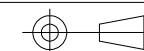
HJBRIGHT® 东莞市華晶電子有限公司

BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED

SHEET: 1/1

SCALE: 1:1

UNIT: mm



THIRD ANGLE PROJECTION

A4

|      |                                  |         |          |
|------|----------------------------------|---------|----------|
| 2X   | Update electrical specifications | Judyyan | 20250917 |
| 1X   | ORIGINAL                         | Tsw     |          |
| REV. | DESCRIPTION                      | DR.BY   | ECN. NO. |