

RoHS Compliant

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

Insulator:PBT UL94V-0 Color:Black

Contact:Brass

Plated:See Ordering Information

**Rating:**

Current Rating:3.0 Amp (22AWG)

Voltage Rating:250V AC/DC

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

**Electrical:**

Contact resistance:20m Ohm Max

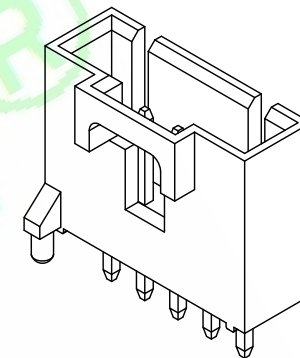
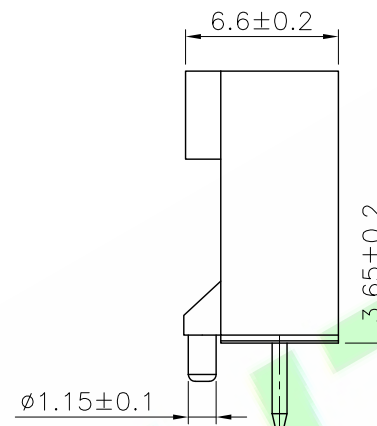
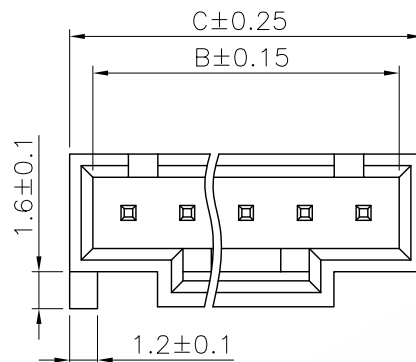
Insulator resistance:1000M ohm min.

Withstanding Voltage:600V AC/Minute

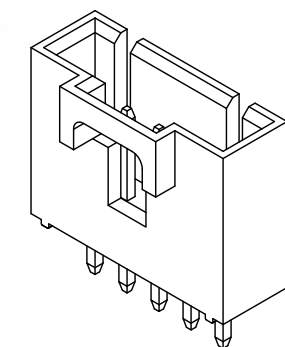
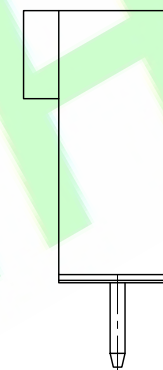
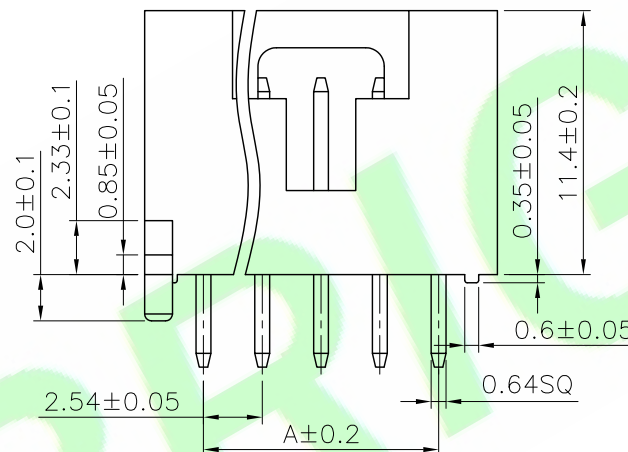
**Ordering Information****A2541S-XXX-02-XX**

1 2 3 4 5 6

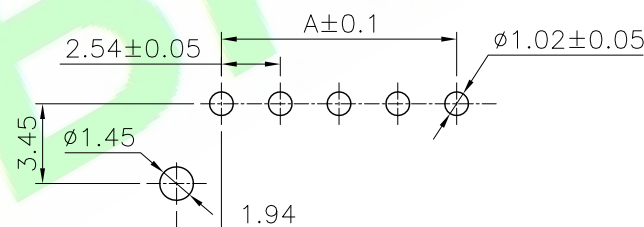
- 1: — Series No.  
2: — S: Straight Type  
3: — No. of Positions  
4: — A: Gold Flash  
H: Selective Gold Plated  
Q: Tin Plated  
5: — A: A Type  
B: B Type  
6: — A: In Bag  
B: In Tube  
C: In Tray



A Type

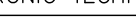


B Type



Recommended PCB Layout

| NO | Dimension mm |       |       |
|----|--------------|-------|-------|
|    | A            | B     | C     |
| 02 | 2.54         | 5.62  | 7.62  |
| 03 | 5.08         | 8.16  | 10.16 |
| 04 | 7.62         | 10.70 | 12.70 |
| 05 | 10.16        | 13.24 | 15.24 |
| 06 | 12.70        | 15.78 | 17.78 |

|      |             |        |          |                   |                    |               |                                             |                                                                                    |                                                                                       |    |
|------|-------------|--------|----------|-------------------|--------------------|---------------|---------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----|
| 5X   |             |        |          | DR.BY.:<br>Samson | GENERAL TOLERANCE: |               | PART NO : A2541S-XXX-02-XX                  | <div>HJBRIGHT® 東莞市華晶電子有限公司</div> <div>BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED</div> |                                                                                       |    |
| 4X   |             |        |          |                   | LINEAR             | ANGLES        | DWG. NO.: RD0806-058                        |                                                                                    |                                                                                       |    |
| 3X   |             |        |          | CHKD.:<br>Tony    | x.: ±0.30          | x': ±5.0°     | TITLE :<br>2.54mm Pitch Wafer Straight Type | SHEET: 1/1                                                                         |  | A4 |
| 2X   |             |        |          |                   | x.x: ±0.20         | x.x': ±3.0°   |                                             | SCALE: 1:1                                                                         |                                                                                       |    |
| 1X   | ORIGINAL    | Samson |          | APPD.:<br>Billy   | x.xx: ±0.15        | x.xx': ±2.0°  |                                             | UNIT: mm                                                                           |                                                                                       |    |
| REV. | DESCRIPTION | DR.BY  | ECN. NO. |                   | x.xxx: ±0.10       | x.xxx': ±1.0° | DATE: 21-Jun-2008                           |                                                                                    |                                                                                       |    |