

### Specifications:

#### Material And Finish:

Insulator:PBT UL94V-0 Color:Black

Contact:Brass

Plated:See Ordering Information

#### Rating:

Current Rating:2.0 Amp

Voltage Rating:150V 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

**B2004S-XXX-01-X**

1 2 3 4 5

1:—Series No.

2:—S:Straight Type

3:—No. of Positions

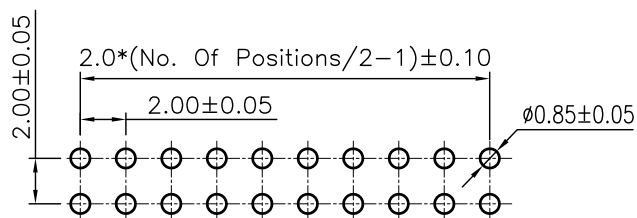
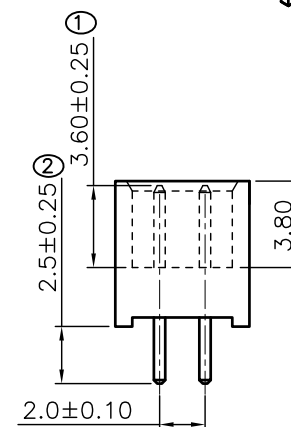
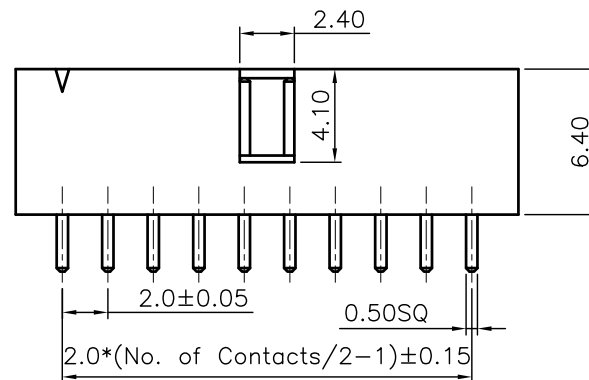
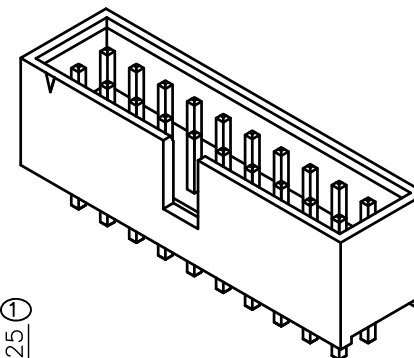
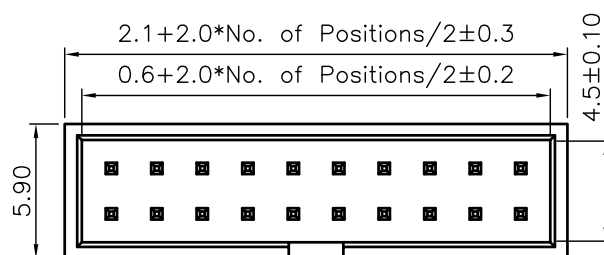
4:—A:Gold Flash

H:Selective Gold Plated

Q:Tin Plated

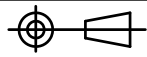
6:—A:In bag

B:In Tube



Recommended PCB Layout

RoHS Compliant

|      |             |          |          |                     |                    |               |                                                    |                                                                 |                                                                                       |    |
|------|-------------|----------|----------|---------------------|--------------------|---------------|----------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------------------------------|----|
| 5X   |             |          |          | DR.BY.:<br>joy chen | GENERAL TOLERANCE: |               | PART NO : B2004S-XXX-01-X                          | <b>BRIGHT</b> 東莞市常平華晶電子廠<br>Dong Guan Bright Electronic Factory |                                                                                       |    |
| 4X   |             |          |          |                     | LINEAR             | ANGLES        | DWG. NO.: RD0805-085                               |                                                                 |                                                                                       |    |
| 3X   |             |          |          | CHKD.:<br>jerry Liu | x.: ±0.30          | x': ±5.0°     | TITLE :<br>2.0mm Pitch<br>Box Header Straight Type |                                                                 |                                                                                       |    |
| 2X   |             |          |          |                     | x.x: ±0.20         | x.x': ±3.0°   |                                                    |                                                                 |                                                                                       |    |
| 1X   | ORIGINAL    | joy chen |          | APPD.:<br>Peter Li  | x.xx: ±0.15        | x.xx': ±2.0°  |                                                    |                                                                 |                                                                                       |    |
| REV. | DESCRIPTION | DR.BY    | ECN. NO. |                     | x.xxx: ±0.10       | x.xxx': ±1.0° | DATE: 17-May-2008                                  | SHEET: 1/1                                                      |  | A4 |
|      |             |          |          |                     |                    |               |                                                    | SCALE: 1:1                                                      |                                                                                       |    |
|      |             |          |          |                     |                    |               |                                                    | UNIT: mm                                                        |                                                                                       |    |