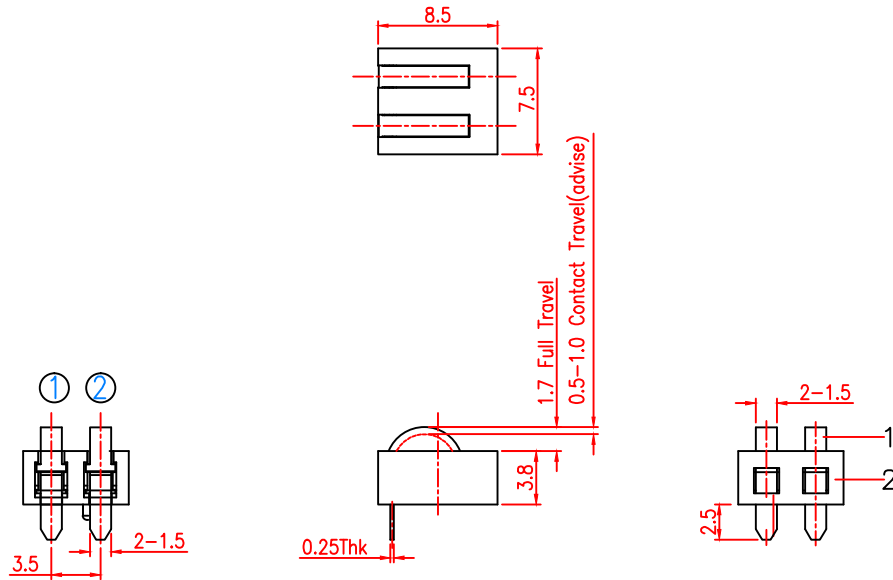


RoHS  
Compliant

| SYMBOL | REVISION | APPROVAL | DATE |
|--------|----------|----------|------|
|        |          |          |      |

### SPECIFICATIONS

- ELECTRICAL CHARACTERISTICS:
  - 1-1.RATING: DC 12V 3A
  - 1-2.CONTACT RESISTANCE: 20mΩ MAX(INITAL)
  - 1-3.DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE
  - 1-4.INSULATION RESISTANCE: 100MΩ MIN, MEASURED BY 500V DC
- FORCE:0.6mm CONTACT TRAVEL:400gf Max.
- LIFE TEST:MECHANICAL LIFE TEST 20,000 CYCLES.
- TEMPERATURE RISE : 30°C MAX



P.C.B LAYOUT

CIRCUIT

| 2   | HOUSING          | PPA      | 1    | BLACK     |
|-----|------------------|----------|------|-----------|
| 1   | CONTACT TERMINAL | C70350   | 2    | Au PLATED |
| NO. | PARTS            | MATERIAL | QTY. | FINISHING |

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|           |                        |                  |      |         |          |         |            |
|-----------|------------------------|------------------|------|---------|----------|---------|------------|
| PART NAME |                        | CONNECTOR        |      | DRAWING | G.C.Chen | DWG.No. | SBICL5     |
| PART NO.  |                        | ND-2P-3.5PH-5.5H |      | CHECK   | G.C.Chen | REV.    | A0         |
| UNIT :    | TOLERANCE<br>OTHERWISE | UP TO 5          | ±0.2 | ANGLE   | APPROVAL | DATE    | 08-01-2016 |
|           |                        | ABOVE 5 ~30      | ±0.3 |         |          | SCALE   | 2:1        |
| mm        |                        | ABOVE 30         | ±0.5 | 0°±3'   |          |         |            |