



P.C.B. LAYOUT

| SIGN | DATE       | DESCRIPTION                                       | APPROVER   |
|------|------------|---------------------------------------------------|------------|
| △    | 2007.12.26 | Part No. is changed                               | Liuxiaolan |
| △    | 08.07.09   | The Dimension is changed from : 4.82 to 5.20±0.15 | Seamus     |

#### Technical Data

- Material:
  - Pin (outer sleeve) : Brass,machined, CuZn38Pb2
  - Clip(contact 4 finger) : Beryllium copper ,heat treated or PHBZ
  - Plating(outer sleeve) : Tin plated : 2um/80u"nickel,5um/200u"Tin
  - Gold plated: 2um/80u"nickel,full gold
  - Plating clip(contact): 2um/80 u"nickel,gold or tin plating
  - Insulator body(black) : Glass filled thermoplastic polyester UL94V-0

- Electrical
  - Current rating : 3 Amps/contact max.
  - Contact resistance :  $\leq 4m\Omega$ /contact
  - Insulation resistance :  $\geq 10000M\Omega$ at 500VAC
  - Rated voltage : 100 VRMS /150VDC

- Mechanical
  - Operating temperature : Gold plated:-55℃ to +125℃
  - (Continuous) -67℉ to +105℉
  - Tin plated:-40℃ to +105℃

Average insertion force with steel pin of:  $\phi 0.43mm/0.017"$  < 250g  
 Average withdrawal force with steel pin of  $\phi 0.43mm/0.017"$  >50g  
 Mechanical life : min.200

- Applications and features:
  - The open frame is most common type.
  - The open body design gives better access (for cleaning and inspections) to air -cooling.
  - Side and end stackable.
  - High retention design prevents IC walkout during heavy vibration.
  - Closed bottom sleeve for 100% anti-wicking of solder.
  - Twist free construction.

- Environmental data
  - Solderability (IEC 60068-2-20. Ta) :235℃, 2s
  - Resistance to soldering heat (IEC 60068-2-20. Tb) :>260℃, 10s
  - Through hole mount components

SR - XX 1 0 X 00000G △

| pin plated: Code | Clip plated | Pin plated |
|------------------|-------------|------------|
| 0                | Gold Flash  | Tin 200u"  |
| 1                | Gold 10u"   | Tin 200u"  |
| 2                | Gold 30u"   | Tin 200u"  |
| 3                | Tin 200u"   | Tin 200u"  |
| 4                | Gold flash  | Gold flash |
| 5                | Gold 10u"   | Gold flash |
| 6                | Gold 30u"   | Gold flash |

No.of contacts : 02-80

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| TITLE    | SR-double rows IC sockets Pin 5.2mmL Series |                      |                      |          |           |             |            |
|----------|---------------------------------------------|----------------------|----------------------|----------|-----------|-------------|------------|
| PART NO. | SRXX10X00000G                               |                      |                      | DWG NO.  | 8SR0104   |             |            |
| APPROVED | CHECKED                                     | DESIGNED             | DRAWN                | CUST NO. | Tolerance |             |            |
|          | Seamus<br>2009.08.08                        | Seamus<br>2009.08.08 | Seamus<br>2009.08.08 |          |           | UNIT: mm    | X. ±0.50   |
|          |                                             |                      |                      |          |           | SCALE: NONE | X.X ±0.30  |
|          |                                             |                      |                      |          |           | REV: D      | X.XX ±0.10 |
|          |                                             |                      |                      |          |           |             | X* ±1*     |

SHEET: 01/01