

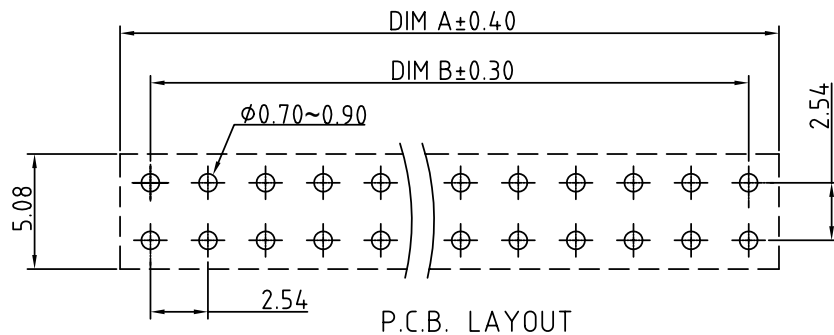
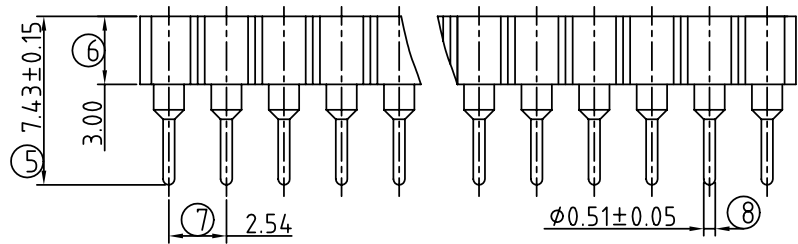
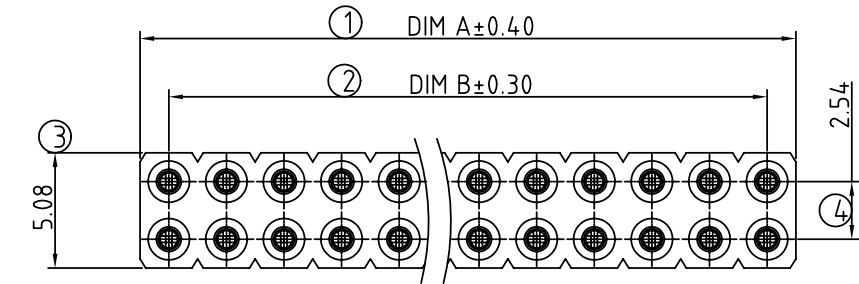
| | | | |
|--|----------|----------------------|----------|
| SIGN | DATE | DESCRIPTION | APPROVER |
| △ | 02/13/06 | Part No. is changed. | Seamus |
| THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!! | | | |

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 : $\geq 100000M\Omega$ at 500VAC
 - Rated voltage : 100 VRMS /150VDC
- ◆ **Mechanical**
 - Operating temperature : Gold plated:-55°C to +125°C
-67°F to +105°F
Tin plated:-40°Cto +105°C
 - 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:**
 - 1.The open frame is most common type.
 - 2.The open body design gives better access (for cleaning and inspections) to air -cooling.
 - 3.Side and end stackable.
 - 4.High retention design prevents IC walkout during heavy vibration.
 - 5.Closed bottom sleeve for 100% anti-wicking of silder.
 - 6.Twist free construction.
- ◆ **Environmental data**
 - Solderability (IEC 60068-2-20. Ta) :235°C, 2s
 - Resistance to soldering heat (IEC 60068-2-20. Tb) :
-Through hole mount components :260°C, 10s

SA - XX 1 0 X 0 XXXXG △

No.of contacts :02~80
 pin plated: Code Clip plated Pin plated 0000 Clip BeCu
 0 Gold Flash Tin 200u" 5QH0 Clip 5210
 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



P.C.B. LAYOUT

| Contact | Dim A | Dim B | Contact | Dim A | Dim B | Contact | Dim A | Dim B |
|---------|-------|-------|---------|-------|-------|---------|--------|-------|
| 02 | 2.54 | — | 30 | 38.10 | 35.56 | 58 | 73.66 | 71.12 |
| 04 | 5.08 | 2.54 | 32 | 40.64 | 38.10 | 60 | 76.20 | 73.66 |
| 06 | 7.62 | 5.08 | 34 | 43.18 | 40.64 | 62 | 78.74 | 76.20 |
| 08 | 10.16 | 7.62 | 36 | 45.72 | 43.18 | 64 | 81.28 | 78.74 |
| 10 | 12.70 | 10.16 | 38 | 48.26 | 45.72 | 66 | 83.82 | 81.28 |
| 12 | 15.24 | 12.70 | 40 | 50.80 | 48.26 | 68 | 86.36 | 83.82 |
| 14 | 17.78 | 15.24 | 42 | 53.34 | 50.80 | 70 | 88.90 | 86.36 |
| 16 | 20.32 | 17.78 | 44 | 55.88 | 53.34 | 72 | 91.44 | 88.90 |
| 18 | 22.86 | 20.32 | 46 | 58.42 | 55.88 | 74 | 93.98 | 91.44 |
| 20 | 25.40 | 22.86 | 48 | 60.96 | 58.42 | 76 | 96.52 | 93.98 |
| 22 | 27.94 | 25.40 | 50 | 63.50 | 60.96 | 78 | 99.06 | 96.52 |
| 24 | 30.48 | 27.94 | 52 | 66.04 | 63.50 | 80 | 101.60 | 99.06 |
| 26 | 33.02 | 30.48 | 54 | 68.58 | 66.04 | | | |
| 28 | 35.56 | 33.02 | 56 | 71.12 | 68.58 | | | |

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| | | | | | | | |
|----------|--|---|---------------------|---------------------|----------|--|---|
| TITLE | | IC/SKT Duple row 7.43 mmL finished products series (ROHS) | | | | | |
| PART NO. | | SAXX10X0XXXXG | | | DWG NO. | | 8SA0201 |
| APPROVED | | CHECKED | DESIGNED | DRAWN | CUST NO. | | Tolerance |
| | | | Aaron 2006.01.13 | Aaron 2006.01.13 | | | X. ±0.50 X.X ±0.30 X.XX ±0.10 X* ±1* |
| | | SHEET: 01/01 | | REV.: C | | | |