



| SIGN | DATE     | DESCRIPTION         | APPROVER |
|------|----------|---------------------|----------|
| △    | 02/18'06 | Part No. is changed | Aaron    |

THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!!

Technical Data

- ◆ Material:
  - Pin (outer sleeve): Brass, machined, CuZn38Pb2
  - Plating: Tin plated: 2um/80u"nickel, 5um/200u"Tin  
Gold plated: 2um/80 u"nickel, full gold  
Glass filled polyester UL94V-0
- ◆ Electrical
  - Current rating: 3 Amps/contact max.
  - Insulation resistance:  $\geq 10000\text{M}\Omega$  at 500VAC
  - Rated voltage: 100 VRMS / 150VDC
- ◆ Mechanical
  - Operating temperature: Gold plated: -550°C to +125°C  
(Continuous) -67° F to +257° F  
Tin plated: -40°C to +105°C
- ◆ 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

Ordering information

RB - XX 0 0 X 1 0 0 0 0 G

No. of contacts : 01p ~ 40p

|                  |            |
|------------------|------------|
| pin plated: Code | Pin plated |
| 0                | Tin 200u"  |
| 1                | Gold flash |
| 2                | Gold 10u"  |
| 3                | Gold 30u"  |

| Contact | Dim A | Dim B | Contact | Dim A | Dim B | Contact | Dim A  | Dim B |
|---------|-------|-------|---------|-------|-------|---------|--------|-------|
| 01      | 2.54  | —     | 15      | 38.10 | 35.56 | 29      | 73.66  | 71.12 |
| 02      | 5.08  | 2.54  | 16      | 40.64 | 38.10 | 30      | 76.20  | 73.66 |
| 03      | 7.62  | 5.08  | 17      | 43.18 | 40.64 | 31      | 78.74  | 76.20 |
| 04      | 10.16 | 7.62  | 18      | 45.72 | 43.18 | 32      | 81.28  | 78.74 |
| 05      | 12.70 | 10.16 | 19      | 48.26 | 45.72 | 33      | 83.82  | 81.28 |
| 06      | 15.24 | 12.70 | 20      | 50.80 | 48.26 | 34      | 86.36  | 83.82 |
| 07      | 17.78 | 15.24 | 21      | 53.34 | 50.80 | 35      | 88.90  | 86.36 |
| 08      | 20.32 | 17.78 | 22      | 55.88 | 53.34 | 36      | 91.44  | 88.90 |
| 09      | 22.86 | 20.32 | 23      | 58.42 | 55.88 | 37      | 93.98  | 91.44 |
| 10      | 25.40 | 22.86 | 24      | 60.96 | 58.42 | 38      | 96.52  | 93.98 |
| 11      | 27.94 | 25.40 | 25      | 63.50 | 60.96 | 39      | 99.06  | 96.52 |
| 12      | 30.48 | 27.94 | 26      | 66.04 | 63.50 | 40      | 101.60 | 99.06 |
| 13      | 33.02 | 30.48 | 27      | 68.58 | 66.04 |         |        |       |
| 14      | 35.56 | 33.02 | 28      | 71.12 | 68.58 |         |        |       |

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|              |               |                                 |                     |   |
|--------------|---------------|---------------------------------|---------------------|---|
| TITLE        |               | RB-Single row IC sockets Series |                     |   |
| PART NO.     | RBxx00x10000G | DWG NO.                         | 8RB0001             |   |
| APPROVED     | CHECKED       | DESIGNED                        | DRAWN               | CUST NO.                                      |
|              |               | Aaron<br>2006.02.18             | Aaron<br>2006.02.18 |   |
| SHEET: 01/01 |               | UNIT: mm                        | SCALE: NONE         | Tolerance                                     |
|              |               | REV.: B                         |                     | X. ±0.50<br>X.X ±0.30<br>X.XX ±0.10<br>X* ±1* |