

## Excellent Integrated System Limited

Stocking Distributor

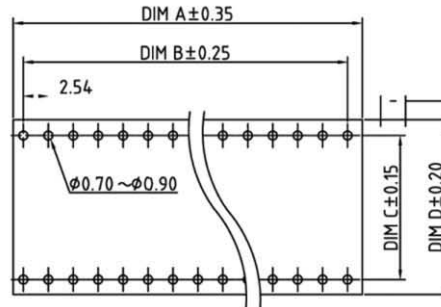
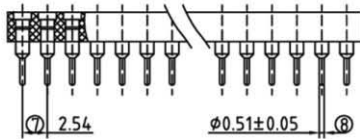
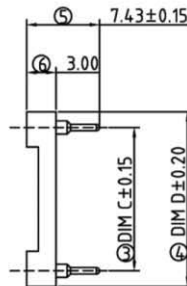
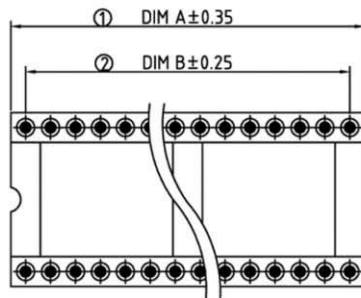
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[ASSMANN WSW Components](#)

[AR20-HZL-TT](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



## P.C.B. LAYOUT

| Contact | Dim A | Dim B | Dim C | Dim D |
|---------|-------|-------|-------|-------|
| 6       | 7.62  | 5.08  | 7.62  | 10.16 |
| 8       | 10.16 | 7.62  | 7.62  | 10.16 |
| 10      | 12.70 | 10.16 | 7.62  | 10.16 |
| 14      | 17.78 | 15.24 | 7.62  | 10.16 |
| 16      | 20.32 | 17.78 | 7.62  | 10.16 |
| 18      | 22.86 | 20.32 | 7.62  | 10.16 |
| 20      | 25.40 | 22.86 | 7.62  | 10.16 |
| 24*     | 30.48 | 27.94 | 7.62  | 10.16 |
| 28*     | 35.56 | 33.02 | 7.62  | 10.16 |

| Contact | Dim A | Dim B | Dim C | Dim D |
|---------|-------|-------|-------|-------|
| 24      | 30.48 | 27.94 | 15.24 | 17.78 |
| 28      | 35.56 | 33.02 | 15.24 | 17.78 |
| 32      | 40.64 | 38.10 | 15.24 | 17.78 |
| 36      | 45.72 | 43.18 | 15.24 | 17.78 |
| 40      | 50.80 | 48.26 | 15.24 | 17.78 |
| 42      | 53.34 | 50.80 | 15.24 | 17.78 |
| 48      | 60.96 | 58.42 | 15.24 | 17.78 |
| 50      | 63.50 | 60.96 | 15.24 | 17.78 |
| 52      | 66.04 | 63.50 | 15.24 | 17.78 |
| 50      | 63.50 | 60.96 | 22.86 | 25.40 |
| 52      | 66.04 | 63.50 | 22.86 | 25.40 |
| 64      | 81.28 | 78.74 | 22.86 | 25.40 |

|                                                |      |             |          |
|------------------------------------------------|------|-------------|----------|
| SIGN                                           | DATE | DESCRIPTION | APPROVER |
| △                                              |      |             |          |
| THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!! |      |             |          |

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### 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/200"Tin
  - Gold plated: 2um/80u"nickel, full gold
  - 2um/80 u"nickel, gold or tin plating
  - Plating clip(contact):
  - Insulator body(black): Glass filled thermoplastic polyester UL94V-0
- ◆ **Electrical**
  - Current rating : 3 Amps/contact max.
  - Contact resistance :  $\leq 4\text{m}\Omega/\text{contact}$
  - Insulation resistance :  $\geq 10000\text{M}\Omega$  at 500VAC
  - Rated voltage : 100 VRMS /150VDC
- ◆ **Mechanical**
  - Operating temperature : Gold plated--55° C to +125° C
  - (Continuous) -67° F to +105° F
  - Tin plated--40° C to +105° C
- Average insertion force with steel pin of:  $\phi G0.43\text{mm}/0.017'' \times 250\text{g}$   
Average withdrawal force with steel pin of:  $\phi G 0.43\text{mm}/0.017'' \times 50\text{g}$   
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 solder.
  - 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

**ARXX-X/X-TT-R**

- Versions:**  
- : standard  
\* /7 : only for 24+28-poles (Dim C: 7.62)
- Plating solder pin:**  
HGL : FULL GOLD  
HZL : TIN  
HZL/07 : TIN/Clip 30u" Gold  
HZL/01 : TIN/Clip 10u" Gold

**No. of contacts:**  
06, 08, 10, 14, 16, 18, 20, 24, 28, 32, 40, 64

|                                             |  |                                                           |          |                                                                                                                                                                                                                       |                                                                                                                                                                             |         |                                                        |
|---------------------------------------------|--|-----------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------------------------------------|
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| TITLE                                       |  | IC/SKT SA7.43 mmL finished products series ( Open frame ) |          |                                                                                                                                                                                                                       |                                                                                                                                                                             |         |                                                        |
| PART NO.                                    |  | ARXX-X/X-TT-R                                             |          | DWG NO.                                                                                                                                                                                                               |                                                                                                                                                                             | 8SA0001 |                                                        |
| APPROVED                                    |  | CHECKED                                                   | DESIGNED | DRAWN                                                                                                                                                                                                                 | CUST NO.                                                                                                                                                                    |         | Tolerance                                              |
|                                             |  | Aaron<br>2005.08.01                                       |          | Aaron<br>2005.08.01                                                                                                                                                                                                   |   |         | X    ±0.50<br>X.X   ±0.30<br>X.XX   ±0.10<br>X"    ±1" |
|                                             |  |                                                           |          |                                                                                                                                                                                                                       | SHEET: 01/01                                                                                                                                                                |         | UNIT: mm<br>SCALE: NONE<br>REV: B                      |