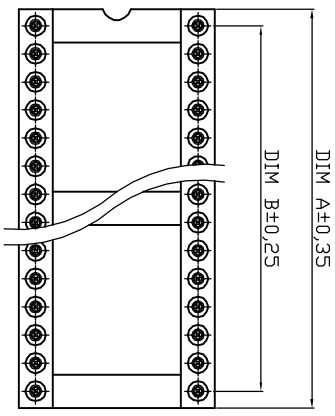
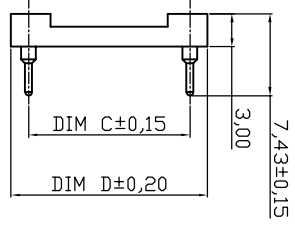
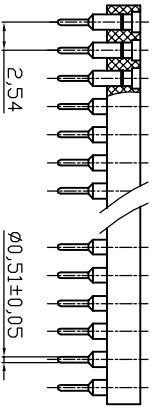
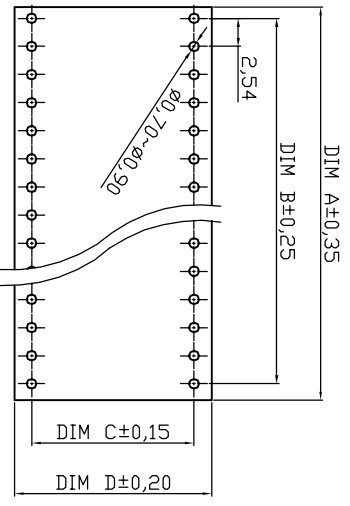
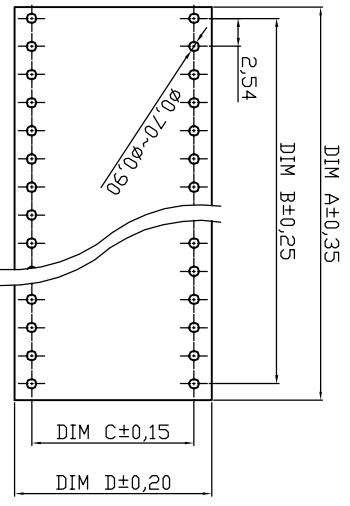


| 1   | 2   | 3          | 4     | 5 | 6  | 7     |              |           |      |    |             |            |       |      |       |            |       |     |     |       |     |   |
|---|---|------------|-------|---|--|-------|--------------|-----------|------|----|-------------|------------|-------|------|-------|------------|-------|-----|-----|-------|-----|---|
| A   |    |            |       |   |  | A     |              |           |      |    |             |            |       |      |       |            |       |     |     |       |     |   |
| B   |    |            |       |   |  | B     |              |           |      |    |             |            |       |      |       |            |       |     |     |       |     |   |
| C   |   |            |       |   |  | C     |              |           |      |    |             |            |       |      |       |            |       |     |     |       |     |   |
| D   |   |            |       |   |  | D     |              |           |      |    |             |            |       |      |       |            |       |     |     |       |     |   |
| E   |   |            |       |   |  | E     |              |           |      |    |             |            |       |      |       |            |       |     |     |       |     |   |
| F   | <p>Order Code: AR XX- X X</p> <p>No. of contact: 06 - 64</p> <p>Versions: - Standard - Only for 24+28 poles* -TT -/7-TT (Dim C: 7,62)</p> <p>Plating: - Sleeve tin / c/p gold flash HZL - Sleeve tin / c/p 10u" gold HZL/01 - Sleeve tin / c/p 30u" gold HZL/07 - Sleeve gold flash / c/p gold flash HGL</p>  |            |       |   |  | F     |              |           |      |    |             |            |       |      |       |            |       |     |     |       |     |   |
| G   | <p><b>ROHS compliant</b></p> <p>Unit:mm</p> <table border="1" data-bbox="279 616 454 784"> <tr> <th>Scale</th> <th>Free</th> </tr> <tr> <td colspan="2">TOLERANCE</td> </tr> <tr> <td>X.</td> <td>±0,50</td> </tr> <tr> <td>X.X</td> <td>±0,30</td> </tr> <tr> <td>X.XX</td> <td>±0,10</td> </tr> <tr> <td>DIM</td> <td>TOL</td> </tr> <tr> <td>X.°</td> <td>±1°</td> </tr> <tr> <td>Angle</td> <td>TOL</td> </tr> </table> |            |       |   |  | Scale | Free         | TOLERANCE |      | X. | ±0,50       | X.X        | ±0,30 | X.XX | ±0,10 | DIM        | TOL   | X.° | ±1° | Angle | TOL | G |
| Scale   | Free  |            |       |   |  |       |              |           |      |    |             |            |       |      |       |            |       |     |     |       |     |   |
| TOLERANCE   |   |            |       |   |  |       |              |           |      |    |             |            |       |      |       |            |       |     |     |       |     |   |
| X.  | ±0,50   |            |       |   |  |       |              |           |      |    |             |            |       |      |       |            |       |     |     |       |     |   |
| X.X   | ±0,30   |            |       |   |  |       |              |           |      |    |             |            |       |      |       |            |       |     |     |       |     |   |
| X.XX  | ±0,10   |            |       |   |  |       |              |           |      |    |             |            |       |      |       |            |       |     |     |       |     |   |
| DIM   | TOL   |            |       |   |  |       |              |           |      |    |             |            |       |      |       |            |       |     |     |       |     |   |
| X.°   | ±1°   |            |       |   |  |       |              |           |      |    |             |            |       |      |       |            |       |     |     |       |     |   |
| Angle   | TOL   |            |       |   |  |       |              |           |      |    |             |            |       |      |       |            |       |     |     |       |     |   |
| H   | <table border="1" data-bbox="119 616 279 784"> <tr> <th>Id.</th> <th>Modification</th> <th>Date</th> <th>Name</th> </tr> <tr> <td>①</td> <td>Add sheet 2</td> <td>16.08.2012</td> <td>Lucas</td> </tr> <tr> <td>②</td> <td>Drawn</td> <td>23.07.2012</td> <td>Lucas</td> </tr> </table>   |            |       |   |  | Id.   | Modification | Date      | Name | ①  | Add sheet 2 | 16.08.2012 | Lucas | ②    | Drawn | 23.07.2012 | Lucas | H   |     |       |     |   |
| Id.   | Modification  | Date       | Name  |   |  |       |              |           |      |    |             |            |       |      |       |            |       |     |     |       |     |   |
| ①   | Add sheet 2   | 16.08.2012 | Lucas |   |  |       |              |           |      |    |             |            |       |      |       |            |       |     |     |       |     |   |
| ②   | Drawn   | 23.07.2012 | Lucas |   |  |       |              |           |      |    |             |            |       |      |       |            |       |     |     |       |     |   |
| 1   | 2   | 3          | 4     | 5 | 6  | 7     |              |           |      |    |             |            |       |      |       |            |       |     |     |       |     |   |
| <p>Customer-No. ASSMANN WSW-No. AR XX-X X</p> <p>Drawing-No. ASS 4852 CO</p> <p>Replace Sheet 1/2</p> |   |            |       |   | <p>Date: 23.07.2012, 16.08.2012</p> <p>Name: Lucas, Winnie</p> |       |              |           |      |    |             |            |       |      |       |            |       |     |     |       |     |   |

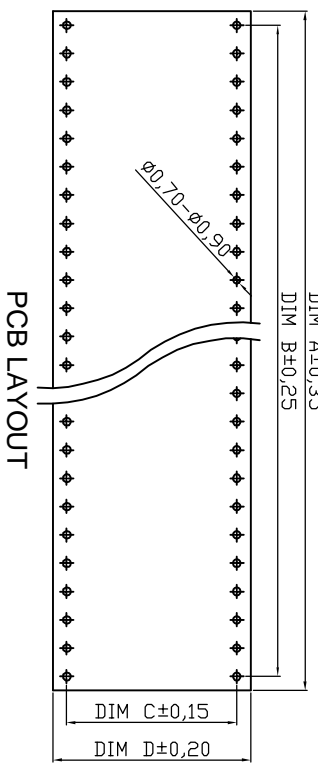
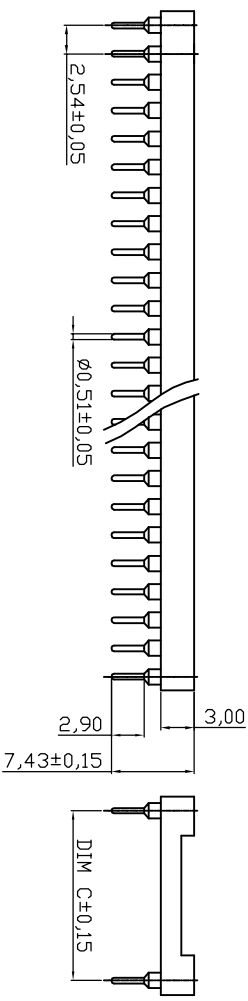
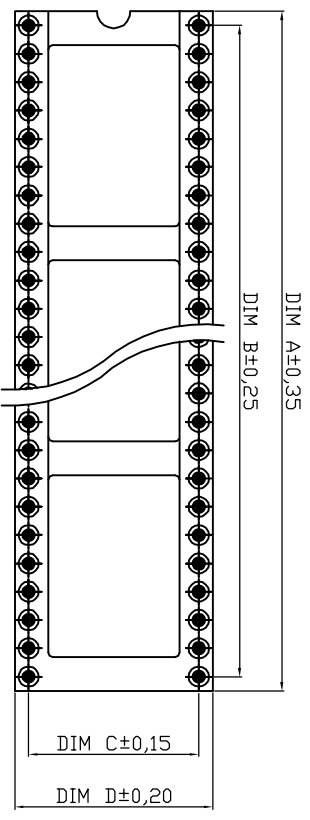
NOTES

- Material:
- Pin (outer sleeve) : Brass,machined, CuZn39Pb2
  - Chip/contact 4 finger) : Phosphor Bronze
  - Insulator body(black) : Glass filled thermoplastic polyester UL94V-0
- Electrical
- Current rating : 3 Amps/contact max.
  - Contact resistance : ≤4mΩ /contact
  - Insulation resistance : ≥10000MΩ 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: ø0.43mm/0.017" < 250g
- Average withdrawal force with steel pin of ø 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 °C, 2s
  - Resistance to soldering heat (IEC 60068-2-20, Tb) :
  - Through hole mount components :260 °C, 10s

| Contact | Dim A | Dim B | Dim C | Dim D |
|---------|-------|-------|-------|-------|
| 06      | 7.62  | 5.08  | 7.62  | 10.16 |
| 08      | 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 |
| 22      | 27.94 | 25.40 | 10.16 | 12.70 |
| 24*     | 30.48 | 27.94 | 7.62  | 10.16 |
| 24      | 30.48 | 27.94 | 15.24 | 17.78 |
| 28*     | 35.56 | 33.02 | 7.62  | 10.16 |
| 28      | 35.56 | 33.02 | 15.24 | 17.78 |
| 32      | 40.64 | 38.10 | 15.24 | 17.78 |



|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|




NOTES

- Material: Brass, machined, CuZn38Pb2
- Pin (outer sleeve) : Phosphor Bronze
- Clip/contact (4 finger) : Insulator body/black) : Glass filled thermoplastic polyester UL94V-0
- Electrical
- Current rating : 3 Amps/contact max.
- Contact resistance : ≤ 4mΩ /contact
- Insulation resistance : ≥ 1000 MΩ 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 °C to +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 solder.
  - 6.Twist free construction.
- Environmental data
- Solderability (IEC 60068-2-20, Ta) : 235 °C, 2s
- Resistance to soldering heat (IEC 60068-2-20, Td) : Resistance to soldering heat (IEC 60068-2-20, Td) : 260 °C, 10s
- Through hole mount components : 260 °C, 10s

| Contact | Dim A | Dim B | Dim C | Dim D |
|---------|-------|-------|-------|-------|
| 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 |

**ROHS compliant**  
Unit:mm

| Scale            | Free                                  |            |              |      |      |
|------------------|---------------------------------------|------------|--------------|------|------|
| <b>TOLERANCE</b> |                                       |            |              |      |      |
| X.               | ±0.50                                 |            |              |      |      |
| X.X              | ±0.30                                 |            |              |      |      |
| X.XX             | ±0.10                                 |            |              |      |      |
| <b>DIM TOL</b>   |                                       |            |              |      |      |
| ①                | Add sheet 2                           |            |              |      |      |
| ②                | Add "HGL"-Version, corrected P/N code | 28.01.2014 | A. Plate     |      |      |
| ③                | Drawn                                 | 23.07.2012 | Lucas        |      |      |
| Angle            | TOL                                   | Id.        | Modification | Date | Name |

| Date   | Name   | Customer-No. | Drawing-No.               | Sheet |
|--|--------|--------------|---------------------------|-------|
| 23.07.2012   | Lucas  |              | ASSMANN WSW-No. AR XX-X X | 2/2   |
| 16.08.2012   | Winnie |              |                           |       |
| <br><b>ASSMANN</b> components |        |              |                           |       |
|  |        |              | ASS 4852 CO               | rev02 |
|  |        |              | Replace                   |       |

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|