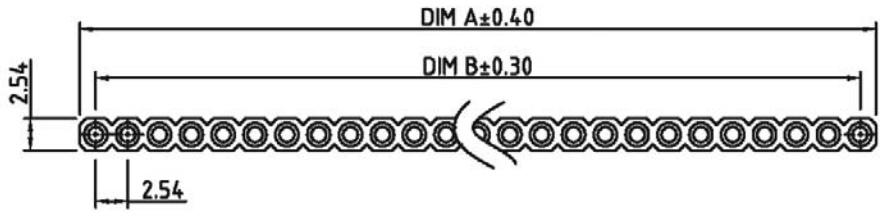
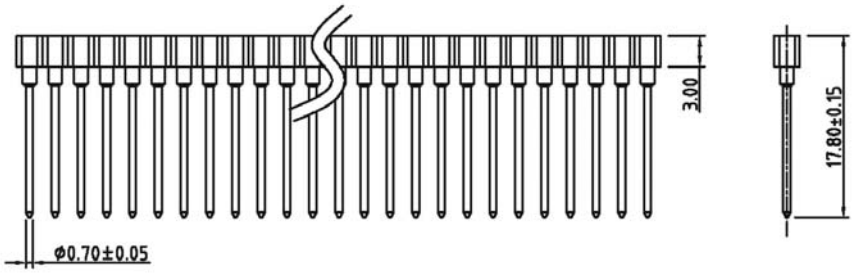
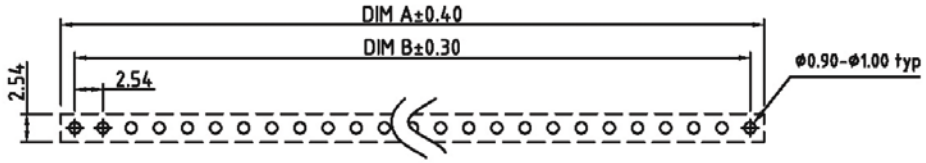



P.C.B LAYOUT




| 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 | | | |

**Materials**

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

**Electrical**

| | |
|---|---|
| Current rating : | 3 Amps/contact max. |
| Contact resistance : | Max 4mΩ |
| Insulation resistance : | Min 10,000mΩ @ 500 V AC |
| Operating Voltage : | 100 VRMS / 150 V AC |

**Mechanical**

| | |
|---|---|
| Operating temperature : | Tin plated: -40°C to +105°C |
| Average insertion force with steel pin of: | 0.43mm/0.017" < 250g |
| Average withdrawal force with steel pin of: | 0.43mm/0.017" >50g |
| Mechanical life : | min.200 |
| Packaging: | Tube |

RoHS Complaint

| | |
|---|---|
| Scale | 1:1 |
| TOLERANCE | |
| X.X | ±0.40 |
| X.XX | ±0.25 |
| X.XXX | ±0.15 |
| Angle | ±3° |

| Modification | Date | Name |
|---|---|---|
| | | |

| | | Name |
|---|---|---|
| Drawn | 11.07.11 | Chappell |
| Approved | | |

ASSMANN WSW components

**Item No.** ARxx-HZW-TT-R

**Title** IDC-Socket, Wire Wrap, Pitch: 2.54MM, Pin Length: 17.80.MM

Drawing No. rev00

Replace | Sheet