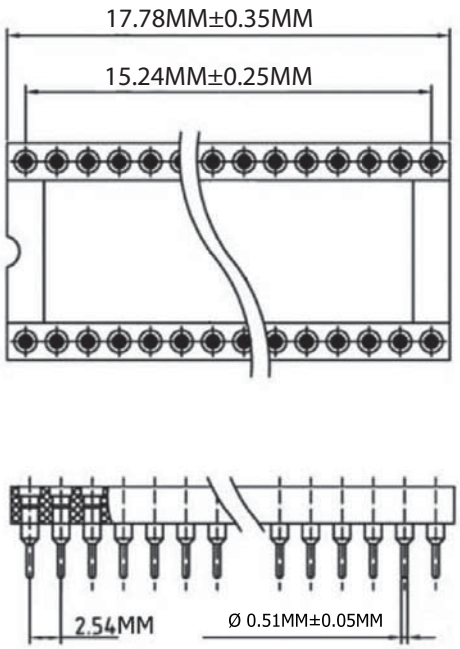


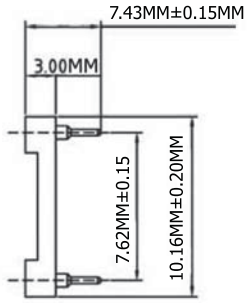


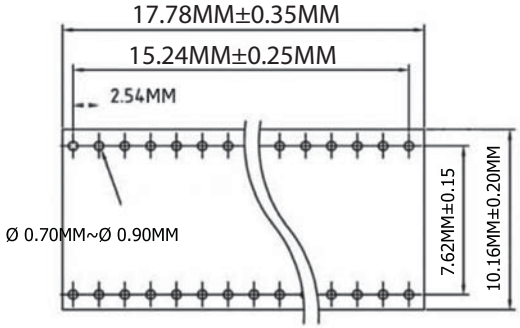


P.C.B. LAYOUT

**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, full 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 |

Unit: mm

RoHS Compliant

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

| Id. | Modification | Date | Name |
|---|---|---|---|

| | Date | Name |
|---|---|---|
| Drawn | 05.09.13 | Miller |
| Approved | 05.09.13 | Warner |

ASSMANN WSW components

1840 W. Drake Drive, Suite 101 • Tempe, AZ 85283
Toll Free: 1-877-277-6266 • Email: info@assmann.us

Title: IC-Socket - 14pin
Machined Contacts,
Pitch: 2.54MM, Pin Length: 7.43MM

ASSMANN WSW-No.: AR14-HZL-TT-R

Drawing-No.:

rev00

Replace:

Sheet: 1/1