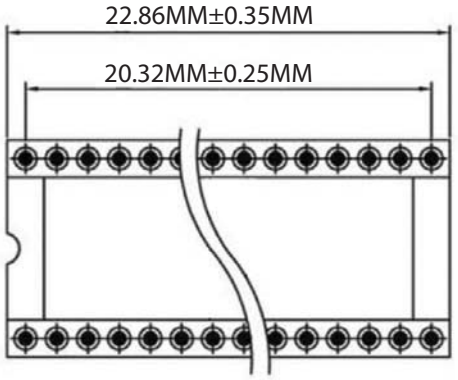

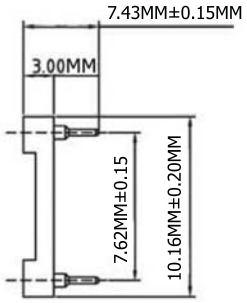

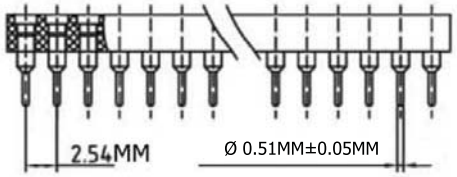

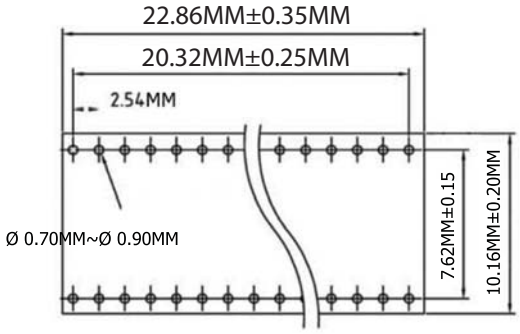

P.C.B. LAYOUT

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

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	11.02.11	Chappell
Approved		

ASSMANN WSW components

Item No. **AR18-HZL/01-TT-R**

Title IC-Socke, 18 Pin, Machined Contact, 10µ" Gold Plating, Pitch: 2.54MM, Pin Length: 7.43MM

Drawing No. **rev00**

Replace | Sheet