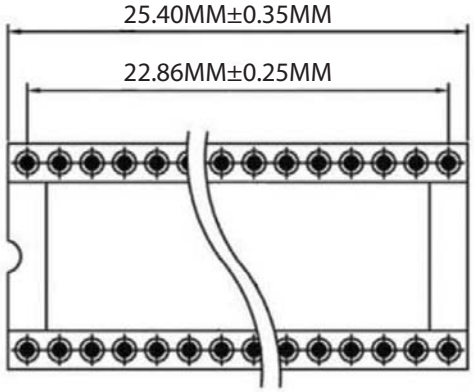

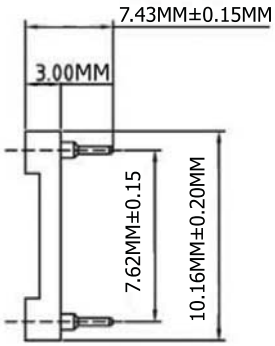

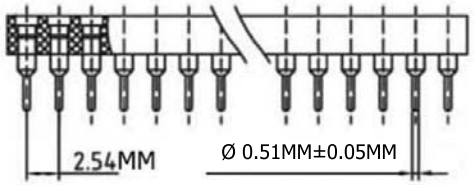

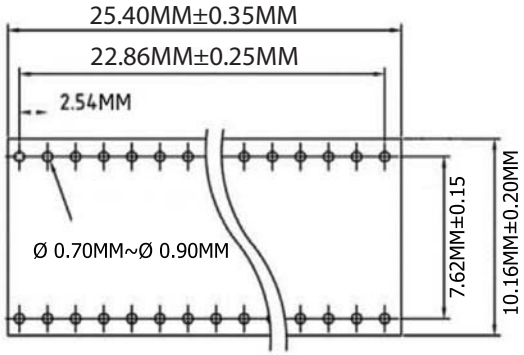

P.C.B. LAYOUT

Materials

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

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 :	Gold plated: -55°C to +125°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	11.01.11	Chappell
Approved		

ASSMANN WSW components

Item No.

AR20-HGL-TT-R

Title IC-Socket, 20 Pin, Machined Contact Pitch: 2.54MM, Pin Length: 7.43 MM

Drawing No.

rev00

Replace

Sheet