

### Materials

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

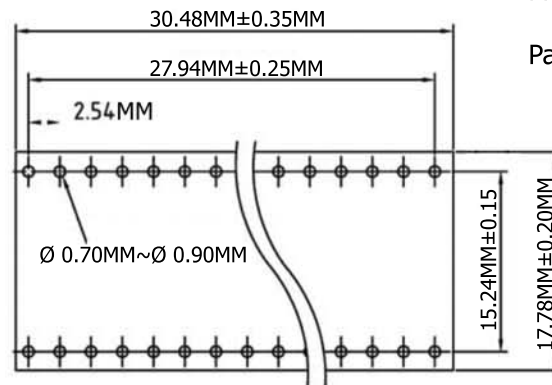
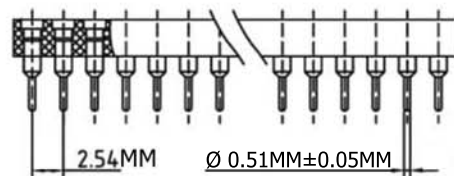
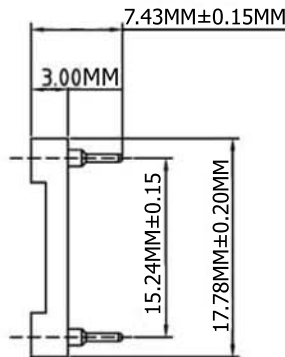
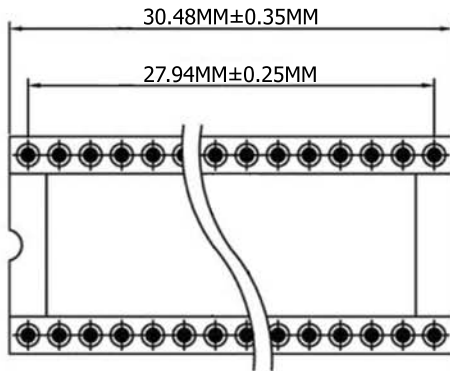
### Electrical

Current rating : 3 Amps/contact max.  
Contact resistance : Max 4m $\Omega$   
Insulation resistance : Min 10,000m $\Omega$  @ 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



P.C.B. LAYOUT

**RoHS**  
Compliant

ITEM NO

**AR24-HZL/01-TT-R**

TITLE IC-Socket, 24Pin, Machined Contacts,  
10 $\mu$ " Gold Plating, Pitch: 2.54MM, Pin Length: 7.43MM

**ASSMANN**  
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