

## 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

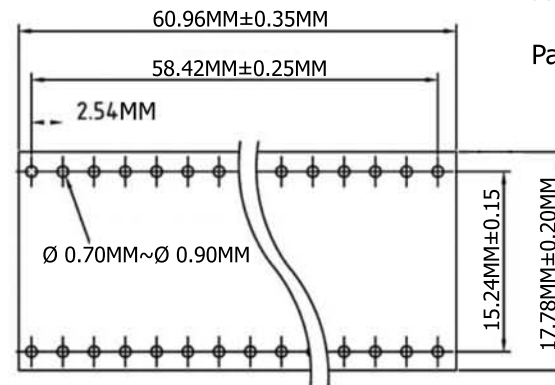
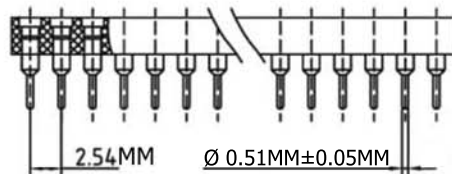
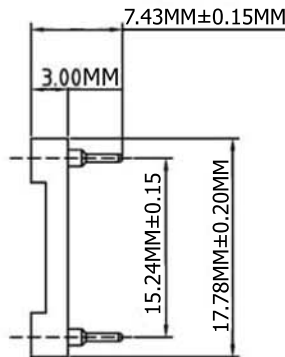
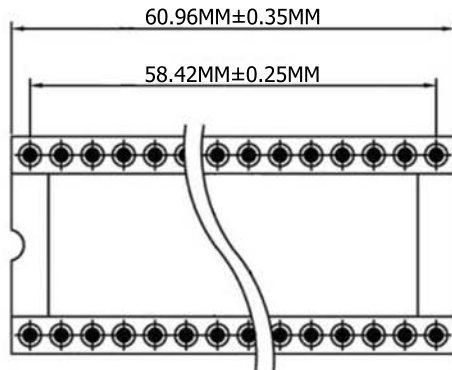
## Electrical

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
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P.C.B. LAYOUT

**RoHS**  
Compliant

ITEM NO

**AR48-HZL-TT-R**

TITLE IC-Socket, 48Pin, Machined Contacts,  
Pitch: 2.54MM, Pin Length: 7.43MM

**ASSMANN**  
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