

### Materials

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

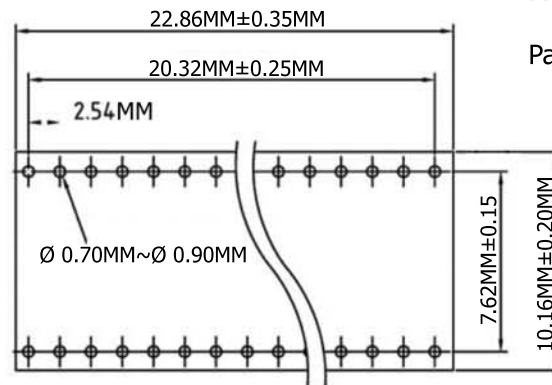
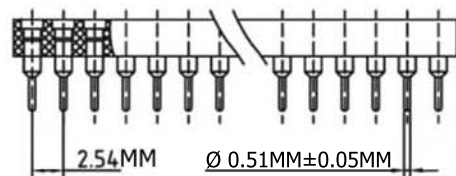
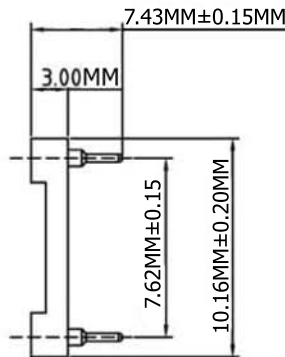
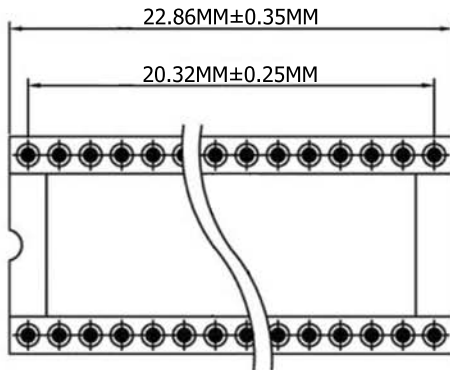
### Electrical

Current rating : 3 Amps/contact max.  
Contact resistance : Max  $4\text{m}\Omega$   
Insulation resistance : Min  $10,000\text{m}\Omega$  @ 500 V AC  
Operating Voltage : 100 VRMS / 150 V AC

### Mechanical

Operating temperature : Tin plated:  $-40^\circ\text{C}$  to  $+105^\circ\text{C}$   
Average insertion force  
with steel pin of:  $0.43\text{mm}/0.017\text{''}$  <250g  
Average withdrawal force  
with steel pin of:  $0.43\text{mm}/0.017\text{''}$  >50g  
Mechanical life : min.200

Packaging: Tube



P.C.B. LAYOUT

**RoHS**  
Compliant

ITEM NO

**AR18-HZL/07-TT-R**

TITLE IC-Socket, 18Pin, Machined Contacts,  
30 $\mu\text{''}$  Gold Plating, Pitch: 2.54MM, Pin Length: 7.43MM

**ASSMANN**  
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