

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

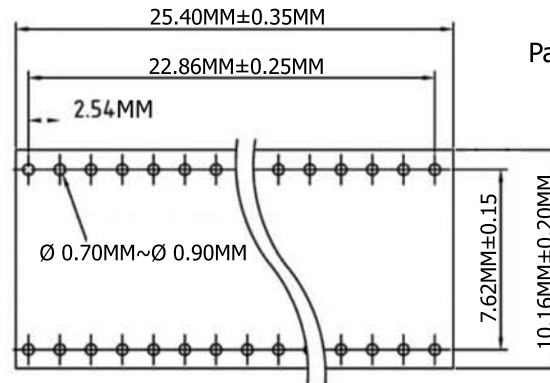
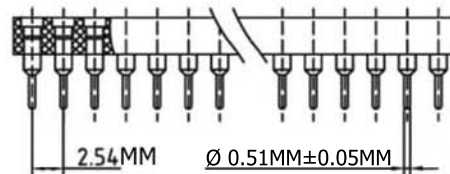
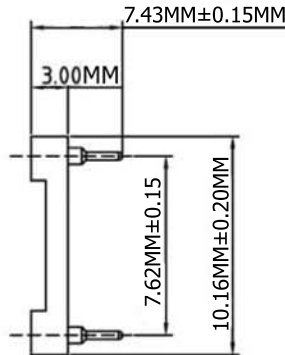
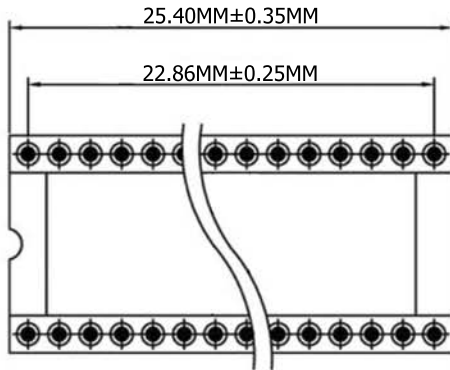
Electrical

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°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

AR20-HZL/01-TT-R

TITLE IC-Socket, 20Pin, Machined Contacts,
10 $\mu\text{''}$ Gold Plating, Pitch: 2.54MM, Pin Length: 7.43MM

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