



P.C.B. LAYOUT

Materials

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

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 : 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



ITEM NO

AR48-HZL-TT-R

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

ASSMANN
 Electronics, Inc.

1840 W. Drake Drive, Suite 101 – Tempe, AZ 85283

Toll Free: 1-877-277-6266 Email: info@usa-assmann.com

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