



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

**RoHS**  
Compliant

ITEM NO

**AR20-HZL-TT-R**

TITLE IC-Socket, 20Pin, Machined Contacts,  
 Pitch: 2.54MM, Pin Length: 7.43MM

**ASSMANN**  
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