1. Materials:
   1.1 Housing: High temperature thermoplastic with a UL 94 V-0 rating.
   1.2 Contact: Copper alloy, t=0.15mm.
   1.3 Shell: Copper alloy, t=0.30mm.

2. Specifications:
   2.1 Current rating: 1 A Max.
   2.2 Dielectric withstanding voltage: 100 V(ac) for 1 min.
   2.3 Contact resistance: 50 mΩ Max.
   2.4 Insulation resistance: 100 MΩ Min.
   2.5 Total mating force: 3.57 Kgf Max.
   2.6 Total unmating force: 1.0 Kgf Min.
   2.7 Temperature range: -30°C to +80°C

    2,000 insertion/withdrawal cycles
    10,000 mating/unmating cycles

2.8 Notes:
   1.3 Shell: Copper alloy, t=0.30mm.
   1.2 Contact: Copper alloy, t=0.15mm.
   1.1 Housing: High temperature thermoplastic with a UL 94 V-0 rating.
   1. Material:

   Notes: