# **Archer Connectors - Polarized Specification**

▶ 1.27mm pitch male and female connectors, for board-to-board connection with polarization.

### **→** Materials

**Housings:** High Temperature Plastic UL94V-0

Contacts: Copper Alloy

Finish: Gold

### **:** Electrical

**Current:** 1A per contact

**Voltage proof:** 300V AC, 500V DC for 1 minute

Contact resistance:30mΩ maxInsulation resistance:500MΩ min

### **→** Mechanical

Durability:100 operationsInsertion force (max):2.0N per contactWithdrawal force (min):0.15N per contact

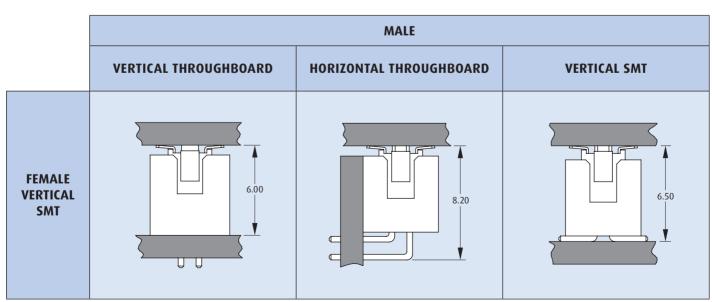
#### **>** Environmental

Operating temperature: -40°C to +105°C

Solderability: 245°C for 5 seconds

Soldering heat resistance: 260°C for 10 seconds

# **Mating Profiles**



All dimensions in mm.

