M40-600/620 Connectors Specification

A range of double row 1.00mm pitch SMT male and female connectors for board-to-board stacking.

⇒ Materials

Housings: High Temp Thermoplastic, UL94V-0

Contacts: Phosphor Bronze

Finish: Tin

: Electrical

Current: 0.5A per contact

 $\begin{array}{lll} \mbox{Working voltage:} & 150 \mbox{V AC} \\ \mbox{Voltage proof:} & 250 \mbox{V AC} \\ \mbox{Contact resistance:} & 50 \mbox{m} \mbox{\Omega} \mbox{ max} \\ \mbox{Insulation resistance:} & 500 \mbox{M} \mbox{\Omega} \mbox{ min} \\ \end{array}$

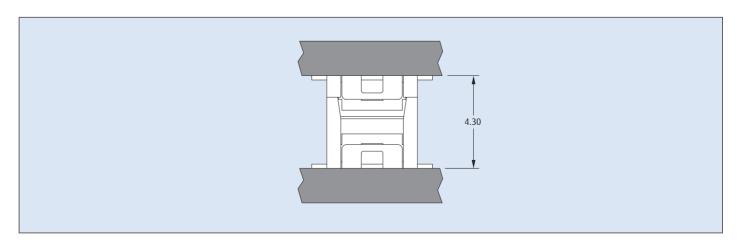
→ Mechanical

Durability:30 operationsInsertion force (max):2.7N per contactWithdrawal force (min):0.4N per contact

: Environmental

Operating temperature: -20°C to +125°C
Solderability: 210°C for 5 seconds
Soldering heat resistance: 260°C for 10 seconds

Mating Profile



All dimensions in mm.

