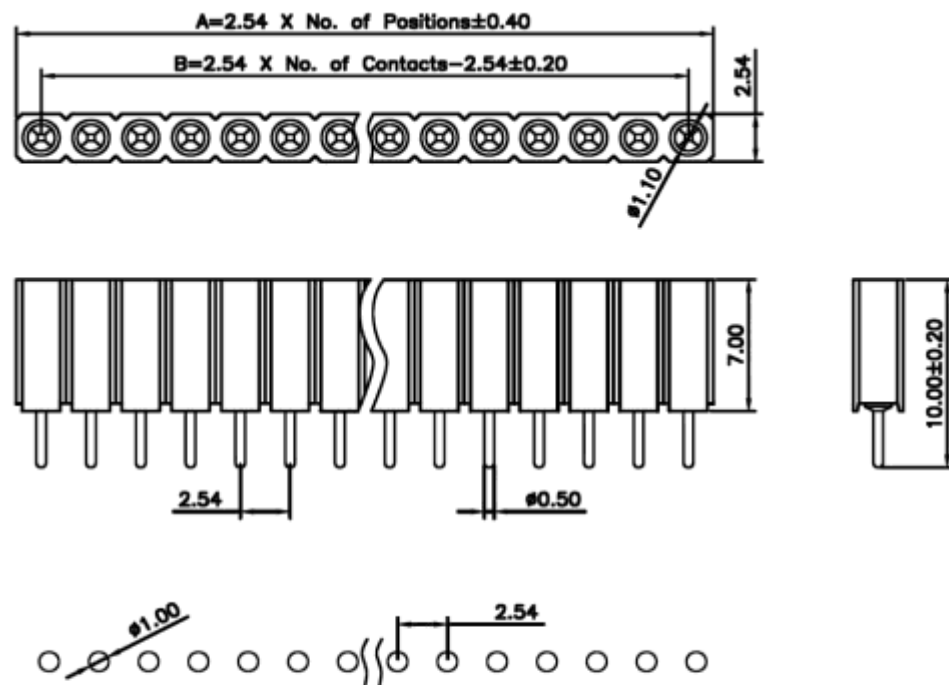


Datenblatt



P.C.B LAYOUT

Technical Data

Material:

Pin(outer sleeve): Brass,machined CuZn38Pb2
 Clip(contact 4 finger): Beryllium copper,heat treated
 Plating(outer sleeve):
 Tin plated: $2\mu\text{m}/80\mu\text{Ni}$, $5\mu\text{m}/200\mu\text{Sn}$
 Gold Plated: $2\mu\text{m}/80\mu\text{nickelfull gold}$
 Plating(contact): $2\mu\text{m}/80\mu\text{nickel}$, gold or Tin plated
 Insulator black(housing): PPS (UL94V-0)

Electrical:

Current rating: 3Amps/contact max.
 Contact resistance: $\leq 4\text{m}\Omega/\text{contact}$
 Insulation resistance: $\geq 1000\text{M}\Omega$ at $V=100\text{V}$
 Operating voltage: 60VAC/DC

Mechanical:

Average Insertion force with steel pin of
 $\square 0.43\text{mm}$: $< 250\text{g}$
 Average withdrawal force with steel pin of
 $\square 0.43\text{mm}$: $> 90\text{g min.}$
 Mechanical life cycle: min.200
 Operating temperatures: Gold Plated: -55°C to $+105^\circ\text{C}$
 Tin plated: -40°C to $+105^\circ\text{C}$
 Soldering temperature: $+260^\circ\text{C}$, 10s max