



P.C.B LAYOUT

DIMENSIONS ARE IN MILLIMETERS	
TOLERANCE UNLESS OTHERWISE SPECIFIED	
LINEAR	0.0±0.25
	0.00±0.15
ANGLES	± 3

RoHS COMPLIANT

TITLE: 2.54MM PITCH SIP SOCKET SINGLE ROW
 WITH MACHINED CONTACTS FOR MATING
 0.45-0.50MM ROUND PINS

Technical Data

Material:

Pin(outer sleeve): Brass,machined CuZn38Pb2
 Clip(contact 4 finger): Beryllium copper,heat treated
 Plating(outer sleeve):
 Tin plated:2µm/80µ"Ni, 5µm/200µ"Sn
 Gold Plated:2µm/80µ"nickel full gold
 Plating(contact): 2µm/80µ"nickel, gold or Tin plated
 Insulator black(housing): PPS (UL94V-0)

Electrical:

Current rating: 3Amps/contact max.
 Contact resistance: ≤4mΩ/contact
 Insulation resistance: ≥1000MΩ at V=100V
 Operating voltage: 60VAC/DC

Mechanical:

Average insertion force with steel pin of
 □0.43mm/0.17": <250g
 Average withdrawal force with steel pin of
 □0.43mm/0.17": >50g min.
 Mechanical life cycle:min.200
 Operating temperatures: Gold Plated:-55° C to+105° C
 Tin plated:-40° C to+105° C
 Soldering temperature: +260° C,10s max

1. NO. OF CONTACTS:
002~040
2. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED



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Datasheet

Item no. 001580950

V1_0617_02