

**P.C.B LAYOUT**

## Technical Data

### Material:

Pin(outer sleeve): Brass, machined CuZn38Pb2

Clip(contact 6 finger): Beryllium copper, heat treated

Plating(outer sleeve):

Tin plated: 2µm/80µ"Ni, 5µm/200µ"Sn

Gold Plated: 2µm/80µ"nickelfull 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

□ 0.66mm/.026": < 140g

Average withdrawal force with steel pin of

□ 0.66mm/.026": > 25g min.

Mechanical life cycle: min. 200

Operating temperatures: Gold Plated: -55° C to +125° C

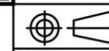
Tin plated: -55° C to +125° C

Soldering temperature: +260° C, 10s max

**RoHS  
Compliant**

**SCHMID-M**

APPD.



TOLERANCE

ANGLE 45°

XXXX ±0.10

XXX ±0.20

XX ±0.30

X ±0.50

PART NAME

2.54mm SIP SOCKET MACHINED PIN

6 FINGERED CLIP 1XXXP H=7.0mm

PIN:TIN CLIP:GOLD PLATING

DIP LENGTH 10.0mm BLACK COLOR ROHS

DWG.

Hedy

SCALE

UNIT

M M

DATE

2012/12/13

PAGE

1 / 1

SIZE.

A 4

REV.

A

PART NO.

SM C07 0109 XX Black