



## Technical Data

### Material:

Pin(outer sleeve): Brass,machined CuZn38Pb2

Plating(outer sleeve):

Tin plated:2 $\mu$ m/80 $\mu$ "Ni, 5 $\mu$ m/200 $\mu$ "Sn

Gold Plated:2 $\mu$ m/80 $\mu$ "Ni,Full gold

Insulator(black): Glass filled thermoplastic polyester  
UL94V-0

### Electrical:

Current rating: 3Amps/contact max.

Contact resistance:  $\leq 4\text{m}\Omega$ /contact

Insulation resistance:  $\geq 1000\text{M}\Omega$  at V=100V

Operating voltage: 60VAC/DC

### Mechanical:

Operating temperatures: Gold Plsted:-55 $^{\circ}$ C to+125 $^{\circ}$ C

Tin plated:-40 $^{\circ}$ C to+105 $^{\circ}$ C

Soldering temperature: +260 $^{\circ}$ C,10s max.

RoHS Compliant

TOLERANCES ARE

**MORETHANALL**  
PCB CONNECTORS  
Cable ASSEMBLIES

DRAWING BY CY

X.  $\pm$

CHECKED BY GENIUS

.X  $\pm$

UNIT / mm

SCALE 1 : 1

.XX  $\pm$

.XXX  $\pm$

ANG  $\pm$

DATE

SIZE A4

PJECTION



ORDER INFORMATION

SP12-RG-1Xxx-LF  
 SERIES | LEADFREE  
 | 1X02:02WAY  
 | 1X40:40WAY  
 | GOLD PLATED  
 | DIP 90 $^{\circ}$

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DESCRIPTION: 2.54mmPitch SIP Adapters SMT Pin Length 12.82mm