

REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	2011-12-01

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

Plating(contact): 2μm/80μ"nickel, full gold

Insulator black(housing): PBT (UL94V-0)

Electrical:

Current rating: 3Amps/contact max.

Contact resistance: $\leq 4m\Omega$ /contact

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

Operating voltage: 60VAC/DC

Mechanical:

Average insertion force with steel pin of

Ø0.43mm/0.017": <250g

Average withdrawal force with steel pin of

Ø0.43mm/0.017": >90g min.

Mechanical life cycle:min.200

Operating temperature: Tin plated:-40° C to +105° C

Soldering temperature: +260° C,10s max

CnC Tech, LLC

Industrial Cable and Connector Technology

TOLERANCE	PROJECTON		TITLE:
ANGLE $\pm 5^\circ$	DATE :	2011-12-01	2.54mmPitch IC Sockets SMT Pin Length 11.35mm
X.XXX ± 0.10	DRAWN :	LSJ	PART NO: 222-1-XX-003
X.XX ± 0.20	CHECKED :		DRAWING NO:
X.X ± 0.30	APPROVED :		REV: A0 UNIT: mm SCALE: 3:1 SIZE: A4
X. ± 0.50			

PIN NO.	DIM A	DIM B	DIM C	DIM D
6	7.62	5.08	7.62	10.16
8	10.16	7.62	7.62	10.16
10	12.7	10.16	7.62	10.16
14	17.78	15.24	7.62	10.16
16	20.32	17.76	7.62	10.16
18	22.86	20.32	7.62	10.16
20	25.4	22.86	7.62	10.16

P.C.B LAYOUT

