

4

3

2

1

REVISION DATA

REV	DESCRIPTION	DATE
A0	NEW DRAWING	2010-04-01

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

Gold Plated:2μm/80μ"nickelfull gold

Plating(contact): 2μm/80μ"nickel, gold or Tin plated

Insulator black(housing): PBT OR 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

Ø0.43mm/0.017": <250g

Average withdrawal force with steel pin of

Ø0.43mm/0.017": >90g min.

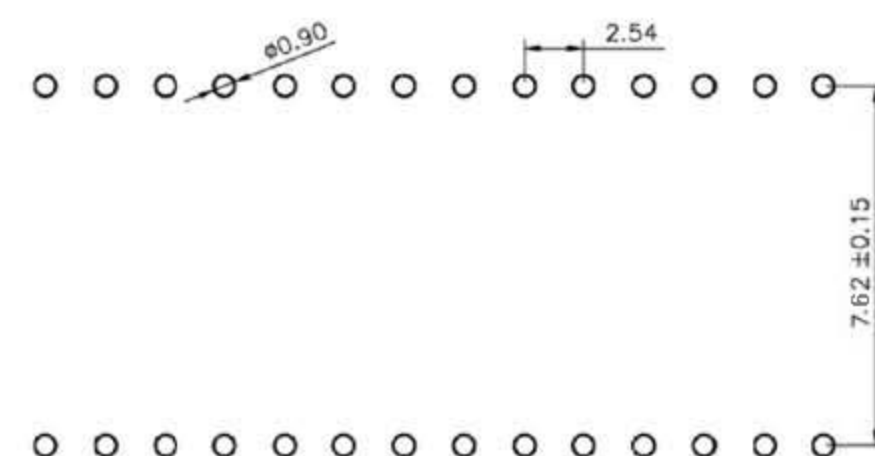
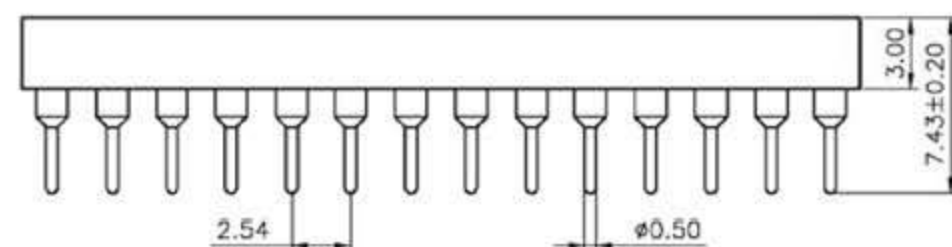
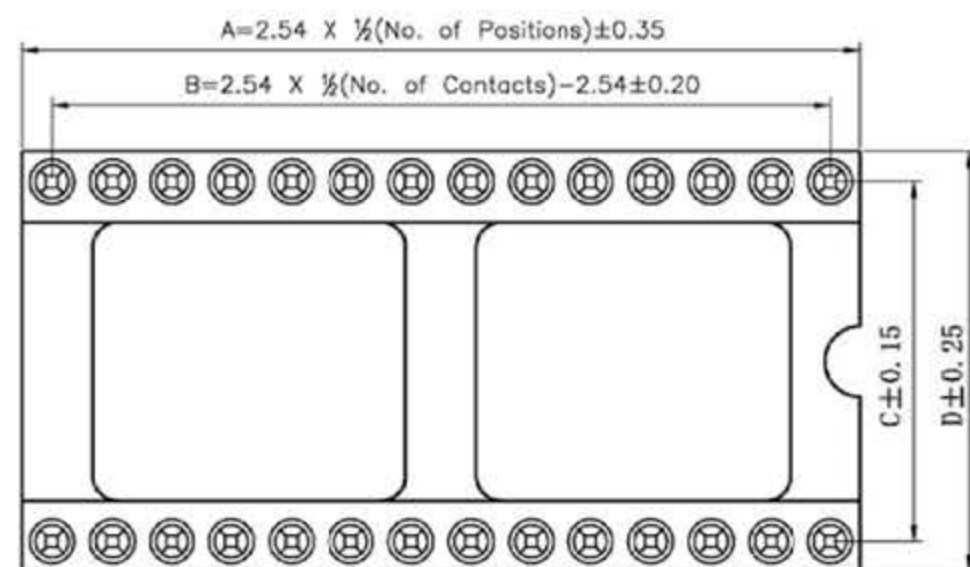
Mechanical life cycle:min.200

Operating temperatures: Gold Plated:-55° C to+105° C

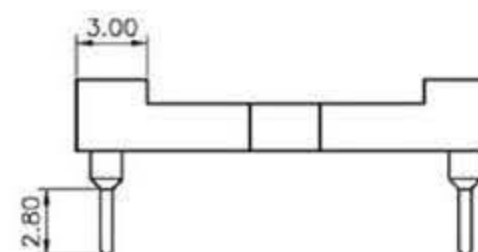
Tin plated:-40° C to+105° C

Soldering temperature: +220° C,10s max (PBT)

+260° C,10s max (PPS)



P.C.B LAYOUT



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
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

CnC Tech, LLC

Industrial Cable and Connector Technology

TOLERANCE	PROJECTON	TITLE:				
ANGLE ± 5°	DATE :	2010-04-01	2.54mmPitch IC Sockets Straight DIP Spacing 15.24mm Pin Length 7.43mm			
X.XXX ± 0.10	DRAWN :	LiKui	PART NO: 210-1-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						

4

3

2

1