



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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REVISION DATA

REV	DESCRIPTION	DATE
A0	NEW DRAWING	2011-12-01

Technical Data

Material:

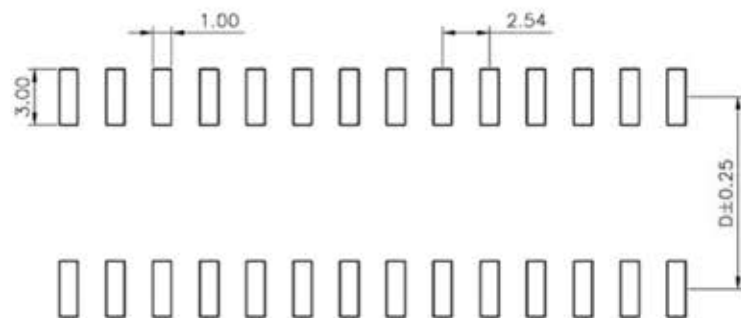
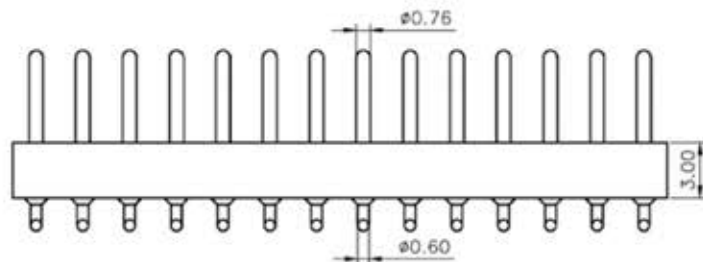
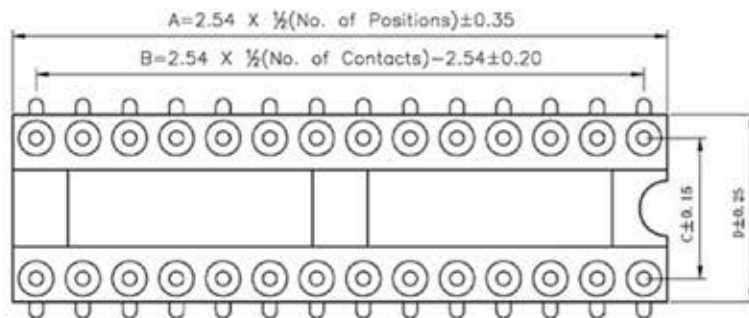
Pin(outer sleeve): Brass,machined CuZn38Pb2
 Clip(contact 4 finger): Beryllium copper,heat treated
 Plating(outer sleeve):
 Tin plated:2 μ m/80 μ "Ni, 5 μ m/200 μ "Sn
 Plating(contact): 2 μ m/80 μ "nickel, full gold
 Insulator black(housing): PBT (UL94V-0)

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:

Average insertion force with steel pin of
 $\text{Ø}0.43\text{mm}/0.017"$: <250g
 Average withdrawal force with steel pin of
 $\text{Ø}0.43\text{mm}/0.017"$: >90g min.
 Mechanical life cycle:min.200
 Operating temperature: Tin plated:-40° C to+105° C
 Soldering temperature: +260° C,10s max



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
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

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
X. ± 0.50		UNIT: mm SCALE: 3:1 SIZE: A4

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