



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!



Contact us

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REVISION DATA

| REV | DESCRIPTION | DATE |
|-----|-------------|------------|
| A0 | NEW DRAWING | 2010-04-01 |

Technical Data

Material:

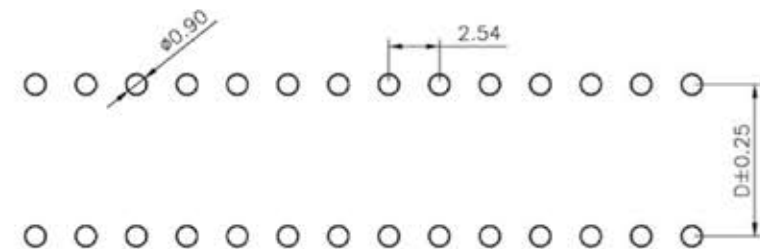
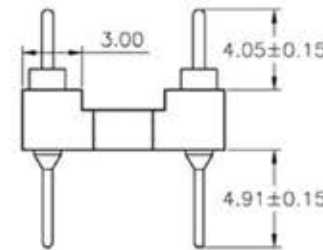
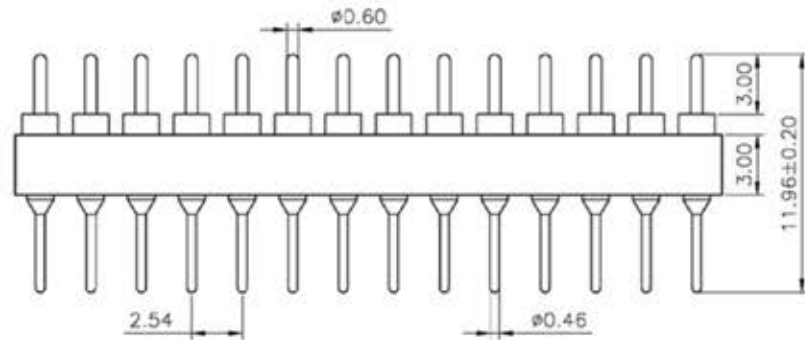
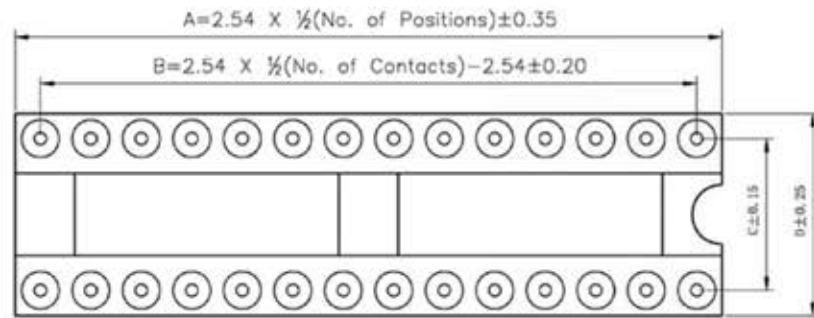
Pin(outer sleeve): Brass,machined CuZn38Pb2
 Clip(contact 4 finger): Beryllium copper,heat treated
 Plating(outer sleeve):
 Tin plated:2μm/80μ"Ni, 5μm/200μ"Sn
 Plating(contact): 2μm/80μ"nickel, full gold
 Insulator black(housing): PBT (UL94V-0)

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 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 ± 5° | DATE : 2010-04-01 | 2.54mmPitch IC Sockets Straight |
| X.XXX ± 0.10 | DRAWN : LiKui | DIP Spacing 7.62mm Pin Length 11.96mm |
| X.XX ± 0.20 | CHECKED : | PART NO: 220-1-XX-003 |
| X.X ± 0.30 | APPROVED : | DRAWING NO: |
| X. ± 0.50 | | REV: A0 UNIT: mm SCALE: 3:1 SIZE: A4 |