

REVISION DATA

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

Technical Data

Material:

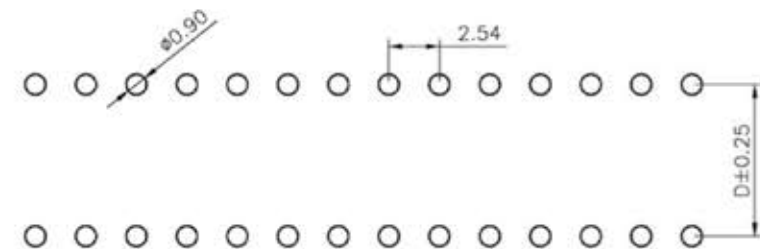
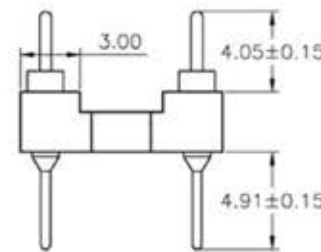
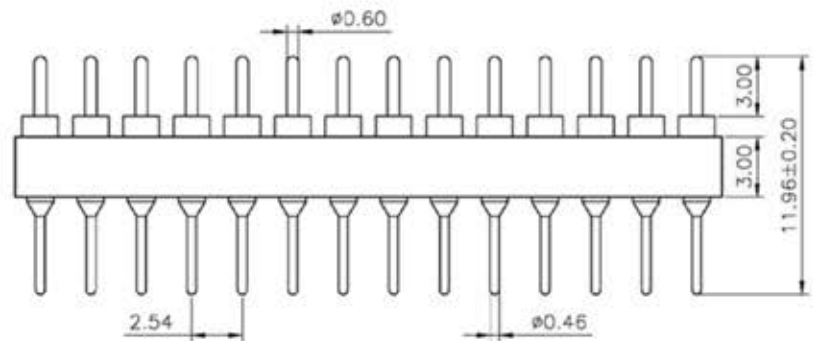
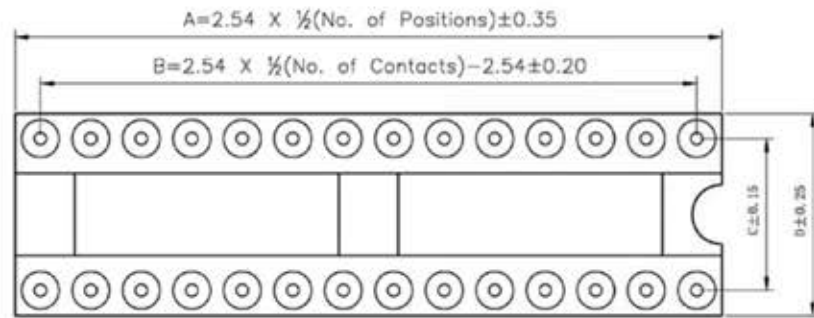
Pin(outer sleeve): Brass,machined CuZn38Pb2  
 Clip(contact 4 finger): Beryllium copper,heat treated  
 Plating(outer sleeve):  
 Tin plated:2µm/80µ"Ni, 5µm/200µ"Sn  
 Plating(contact): 2µm/80µ"nickel, full gold  
 Insulator black(housing): PBT (UL94V-0)

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  
 Operatingtemperature: 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 |
|---------|-------|-------|-------|-------|
| 24      | 30.48 | 27.94 | 15.24 | 17.78 |
| 28      | 35.56 | 33.02 | 15.24 | 17.78 |
| 32      | 40.64 | 38.1  | 15.24 | 17.78 |
| 40      | 50.8  | 48.26 | 15.24 | 17.78 |
| 48      | 60.69 | 58.42 | 15.24 | 17.78 |

**CnC Tech, LLC**  
 Industrial Cable and Connector Technology

| TOLERANCE    | PROJECTON        | TITLE:   |
|--------------|------------------|--|
| ANGLE ± 5°   | DATE: 2010-04-01 | 2.54mmPitch IC Sockets Straight<br>DIP Spacing 7.62mm Pin Length 11.96mm |
| X.XXX ± 0.10 | DRAWN: LiKui     | PART NO: 220-1-XX-006  |
| X.XX ± 0.20  | CHECKED:         | DRAWING NO:  |
| X.X ± 0.30   | APPROVED:        | REV: A0 UNIT: mm SCALE: 3:1 SIZE: A4                                     |
| X. ± 0.50    |                  |  |

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