



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 | 25.40 | 22.86 | 7.62 | 10.16 |

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"nickel , 5µm/200µ"Sn
 Plating(contact): 2µm/80µ"nickel, 0.25µm/10µ"Au
 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: Gold Plated:-55° C to +105° C
 Soldering temperature: +220° C,10s max(PBT)

CnC Tech ,LLC

Industrial Cable and Connector Technology

| TOLERANCE | PROJECTON | | TITLE: |
|--------------|------------|------------|--|
| ANGLE ± 5° | DATE : | 2010-04-01 | 2.54mmPitch IC Sockets StraightDIP Spacing 15.24mm Pin Length 7.43mm 10u' Plating |
| X.XXX ± 0.10 | DRAWN : | LiKui | PART NO: 211-1-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 | | | |