



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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# Customer Information Sheet

DRAWING No.: D39XX-42

SHEET 2 OF 2

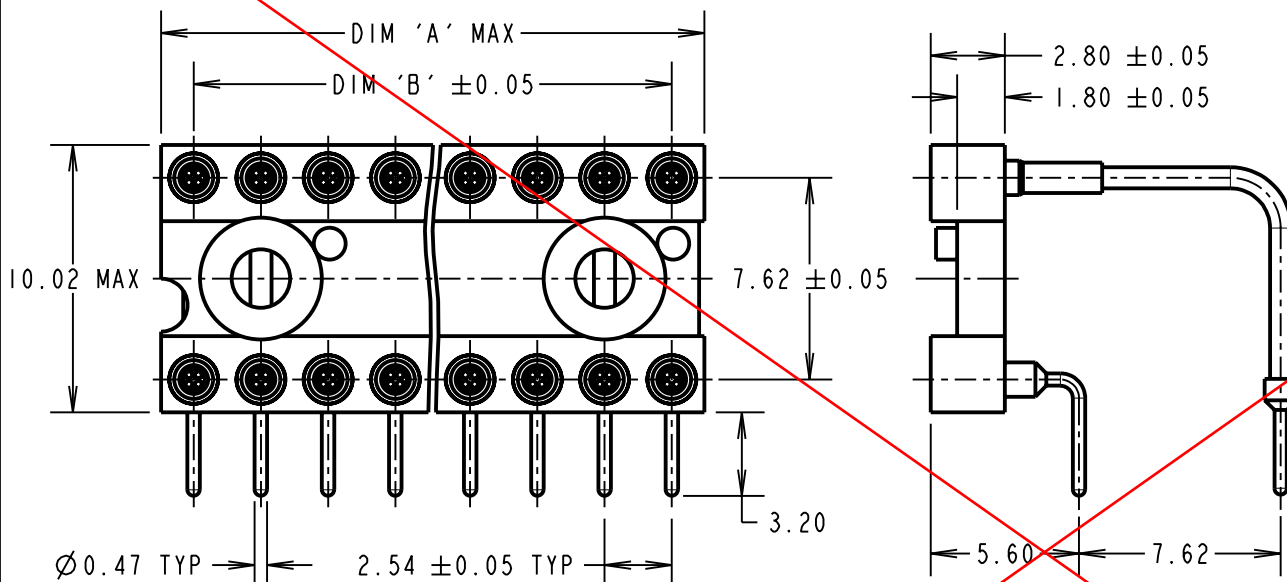
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



## SPECIFICATIONS:

### MATERIALS:

MOULDING = GLASS FILLED PCT, BLACK, UL94V-0

CONTACT SHELL = BRASS

CONTACT CLIP = BERYLLIUM COPPER

### FINISH:

CONTACT SHELL = 5µ 100% TIN

CONTACT CLIP = 0.25µ GOLD

### ELECTRICAL:

CURRENT RATING = 1A

VOLTAGE RATING = 100V AC, 150V DC

CONTACT RESISTANCE = 10 MILLIOHMS MAX

INSULATION RESISTANCE = 10,000 MEGOHMS MIN

DIELECTRIC WITHSTANDING = 1,000V AC MIN

### MECHANICAL:

INSERTION FORCE (Ø0.43mm GAUGE) = 3.0N MAX

WITHDRAWAL FORCE (Ø0.43mm GAUGE) = 0.5N MIN

DURABILITY = 100 CYCLES MIN

### ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

**OBSOLETE**

## ORDER CODE:

**D39XX-42**

## No. OF CONTACTS

6, 8, 14, 16, 18, 20, 24

## FINISH

100% TIN SHELL, GOLD CLIP

## NOTES:

1. RECOMMENDED HOLE SIZE = Ø0.80mm.
2. RECOMMENDED PC BOARD THICKNESS = 1.4 TO 2.0mm.
3. RECOMMENDED MATING PIN DIAMETER = Ø0.56-0.40mm.
4. MAXIMUM CONTACT DEPTH = 2.40mm.  
MAXIMUM MATING PIN LENGTH = 3.65mm.

| PART No. | No. OF CONTACTS | DIM 'A' | DIM 'B' |
|----------|-----------------|---------|---------|
| D3906-42 | 6               | 7.60    | 5.08    |
| D3908-42 | 8               | 10.10   | 7.62    |
| D3914-42 | 14              | 17.70   | 15.24   |
| D3916-42 | 16              | 20.30   | 17.78   |
| D3918-42 | 18              | 22.80   | 20.32   |
| D3920-42 | 20              | 25.30   | 22.86   |
| D3924-42 | 24              | 30.40   | 27.94   |

|                     |      |          |        |
|---------------------|------|----------|--------|
| CP                  | 2    | 15.01.10 | 10640  |
| NAME                | ISS. | DATE     | C/NOTE |
| APPROVED: C.PENROSE |      |          |        |
| CHECKED: R.ADDE     |      |          |        |
| DRAWN: W.J.BOURNE   |      |          |        |
| CUSTOMER REF.:      |      |          |        |
| ASSEMBLY DRG:       |      |          |        |

**HARWIN**

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## TOLERANCES

X. = ±1mm  
X.X = ±0.25mm  
X.XX = ±0.10mm  
X.XXX = ±0.01mm

ANGLES = ±5°

UNLESS STATED

## MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

mm<sup>2</sup>

## TITLE:

2.54mm PITCH DIL  
IC DISPLAY SOCKET  
(CLOSED FRAME)

DRAWING NUMBER:

**D39XX-42**

SHT  
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