

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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Customer Information Sheet

DRAWING No.: D39XX-42

SHEET 2 OF 2

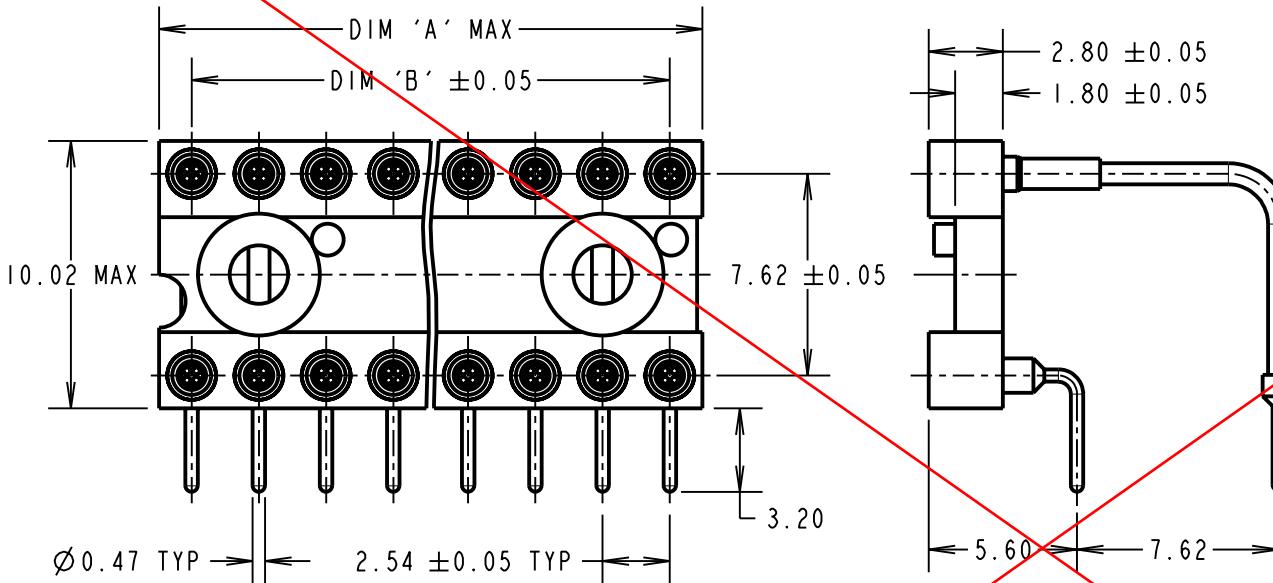
IF IN DOUBT - ASK

(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 (Ø 0.43mm GAUGE) = 3.0N MAX

WITHDRAWAL FORCE (Ø 0.43mm GAUGE) = 0.5N MIN

DURABILITY = 100 CYCLES MIN

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

ORDER CODE:

D39XX-42

No. OF CONTACTS

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

FINISH

100% TIN SHELL, GOLD CLIP

OBSOLETE

NOTES:

1. RECOMMENDED HOLE SIZE = Ø 0.80mm.
2. RECOMMENDED PC BOARD THICKNESS = 1.4 TO 2.0mm.
3. RECOMMENDED MATING PIN DIAMETER = Ø 0.56-0.40mm.
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: mm²

TITLE: 2.54mm PITCH DIL
IC DISPLAY SOCKET
(CLOSED FRAME)
DRAWING NUMBER:
D39XX-42
SHT 2 OF 2