



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.: D01-950XX42

SHEET 2 OF 2

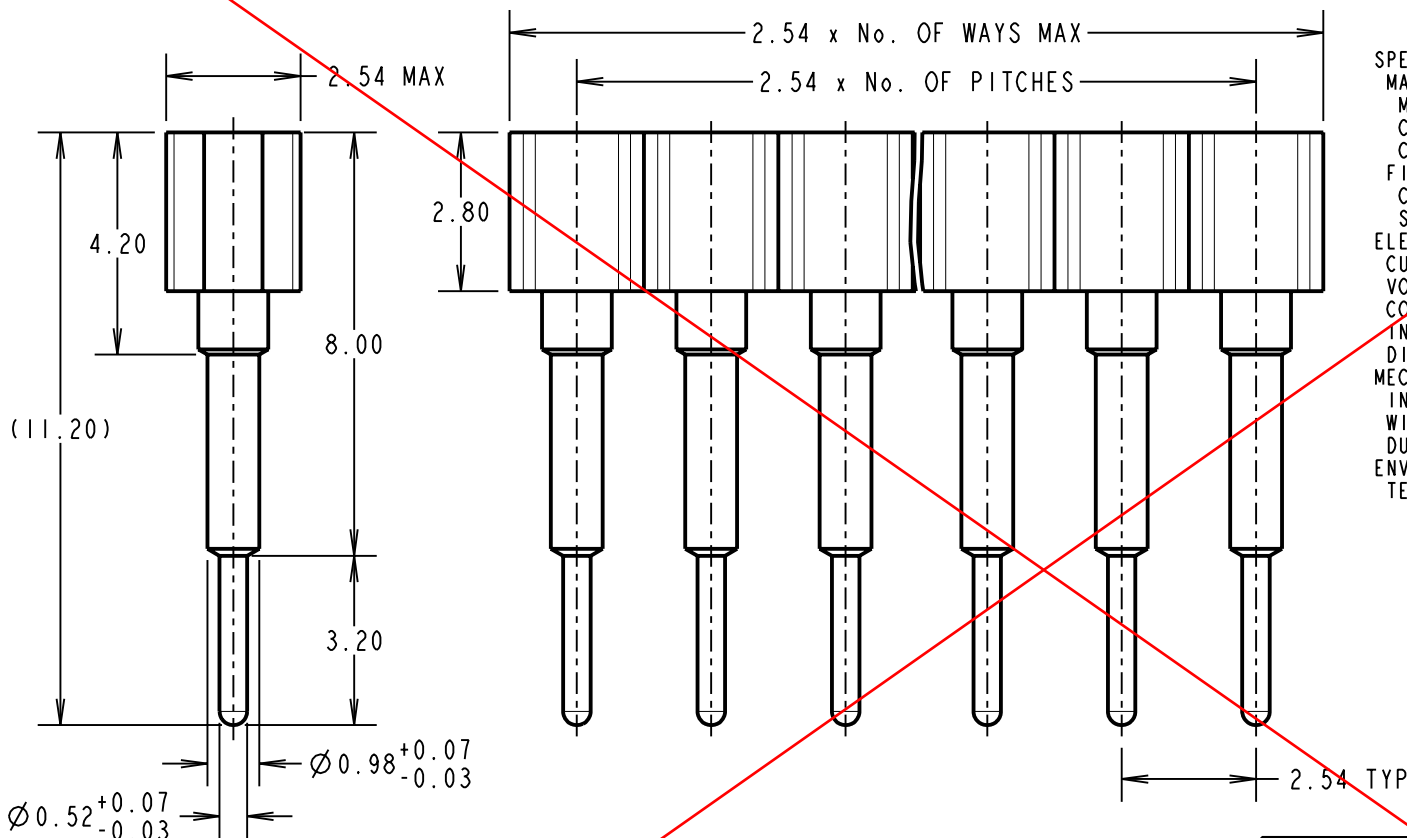
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATION:

MATERIAL:

MOULDING = GLASS FILLED PCT, BLACK, UL94V-0

CONTACT SHELL = BRASS

CONTACT CLIP = BERYLLIUM COPPER

FINISH:

CLIP = 0.75 μ GOLD

SHELL = 100% TIN

ELECTRICAL:

CURRENT RATING = 1A.

VOLTAGE RATING = 100V AC, 150 DC.

CONTACT RESISTANCE = 10 MILLIOHMS MAX.

INSULATION RESISTANCE = 10,000 MEGOHMS MIN.

DIELECTRIC WITHSTANDING = 1,000V AC MIN.

MECHANICAL:

INSERTION FORCE ($\varnothing 0.43$ mm GAUGE) = 3.0N MAX

WITHDRAWAL FORCE ($\varnothing 0.43$ mm GAUGE) = 0.5N MIN

DURABILITY = 100 CYCLES MIN

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

OBSOLETE

NOTES:

1. RECOMMENDED HOLE SIZE = $\varnothing 0.80$ mm.
2. RECOMMENDED PC BOARD THICKNESS = 1.4 TO 2.0mm.
3. RECOMMENDED MATING PIN DIAMETER = $\varnothing 0.56$ - $\varnothing 0.40$ mm.
4. MAXIMUM CONTACT DEPTH = 2.40mm,
MAXIMUM MATING PIN LENGTH = 3.65mm.
5. FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION C004XX (LATEST ISSUE).

ORDER CODE:

D01-950XX42

No. OF WAYS

04-10, 12, 14, 16, 18, 20, 32, 64

FINISH

0.75 μ GOLD CLIP, 100% TIN SHELL

CP	3	11.01.10	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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GROUP AND MUST NOT BE
DISCLOSED, LOANED, COPIED
OR USED FOR MANUFACTURING,
TENDERING OR FOR ANY
OTHER PURPOSE WITHOUT
THEIR WRITTEN PERMISSION.

TOLERANCES

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

ANGLES = $\pm 5^\circ$

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

mm²

TITLE:

2.54mm PITCH SIL
EXTENDED VERTICAL PC TAIL
SOCKET ASSEMBLY

DRAWING NUMBER:

D01-950XX42

SHT

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