

Customer Information Sheet

DRAWING No.: DOI-950XX42

SHEET 2 OF 2

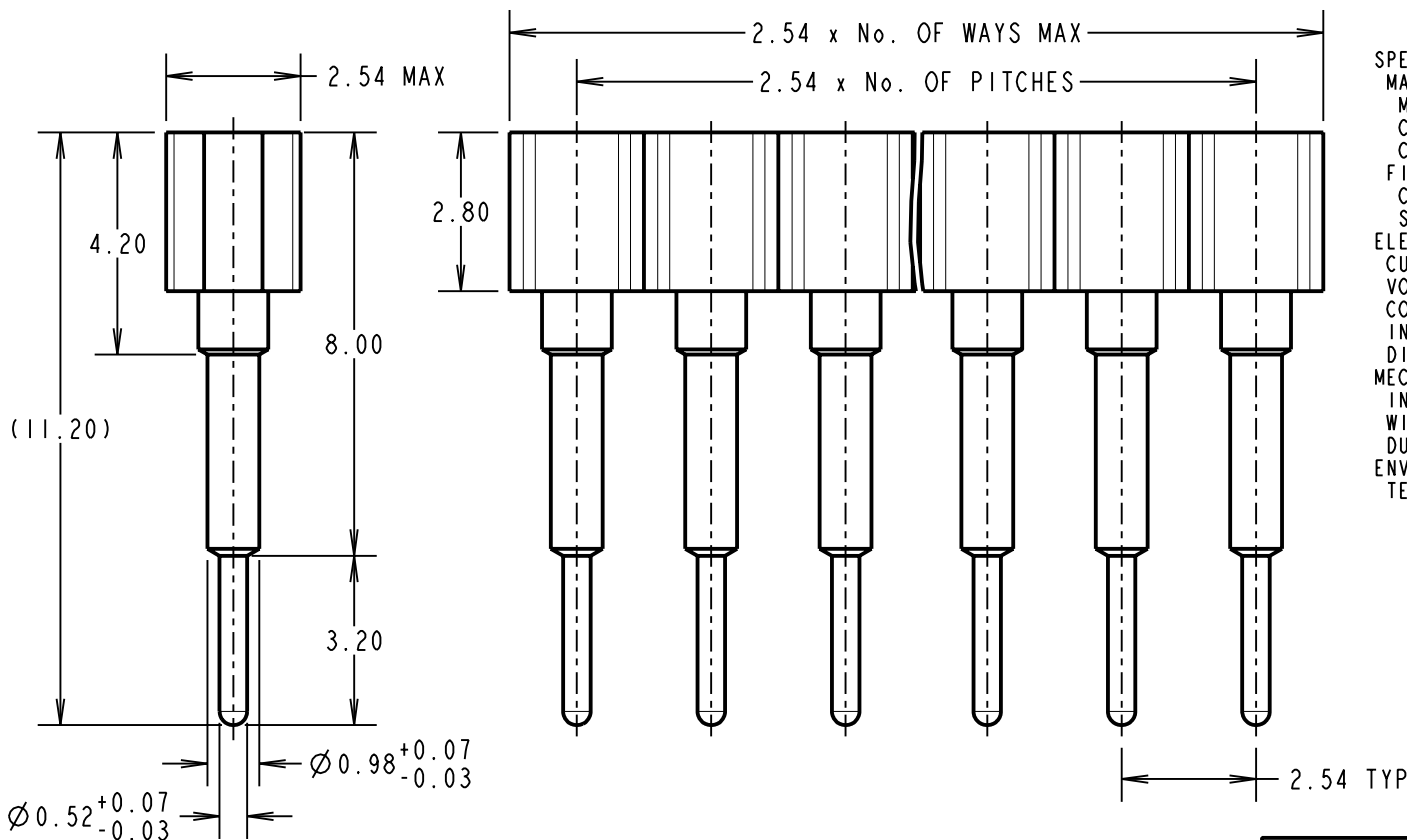
IF IN DOUBT - ASK

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

DURABILITY = 100 CYCLES MIN

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

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:**DOI-950XX42****No. OF WAYS**

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

FINISH0.75 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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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:

DOI-950XX42

SHT
2 OF
2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

<u>D01-9503201</u>	<u>D01-9502001</u>	<u>D01-9500901</u>	<u>D01-9500501</u>	<u>D01-9500701</u>	<u>D01-9501401</u>	<u>D01-9500601</u>	<u>D01-9501801</u>
<u>D01-9501001</u>	<u>D01-9501601</u>	<u>D01-9500801</u>	<u>D01-9501201</u>	<u>D01-9500401</u>			