

# Customer Information Sheet

DRAWING No.: DOI-950XX42

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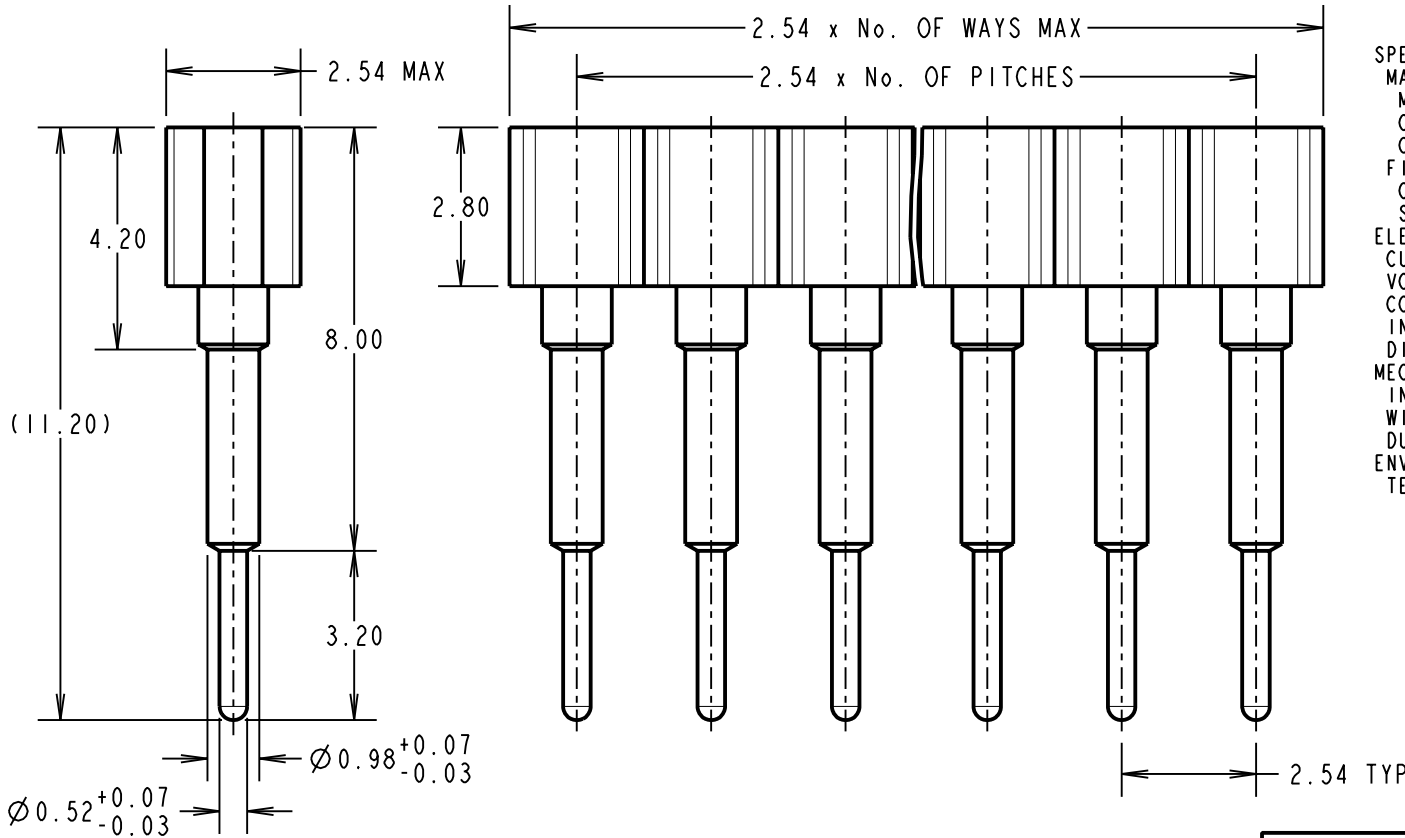
IF IN DOUBT - ASK

©

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 = 0.75µ 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 (∅0.43mm GAUGE) = 3.0N MAX  
 WITHDRAWAL FORCE (∅0.43mm GAUGE) = 0.5N MIN  
 DURABILITY = 100 CYCLES MIN  
**ENVIRONMENTAL:**  
 TEMPERATURE RANGE = -55°C TO +125°C

**NOTES:**

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

FINISH \_\_\_\_\_  
 0.75µ 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. = ±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 SIL  
 EXTENDED VERTICAL PC TAIL  
 SOCKET ASSEMBLY  
**DRAWING NUMBER:**  
**DOI-950XX42**  
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