

# Customer Information Sheet

DRAWING No.: D8864-42

SHEET 2 OF 2

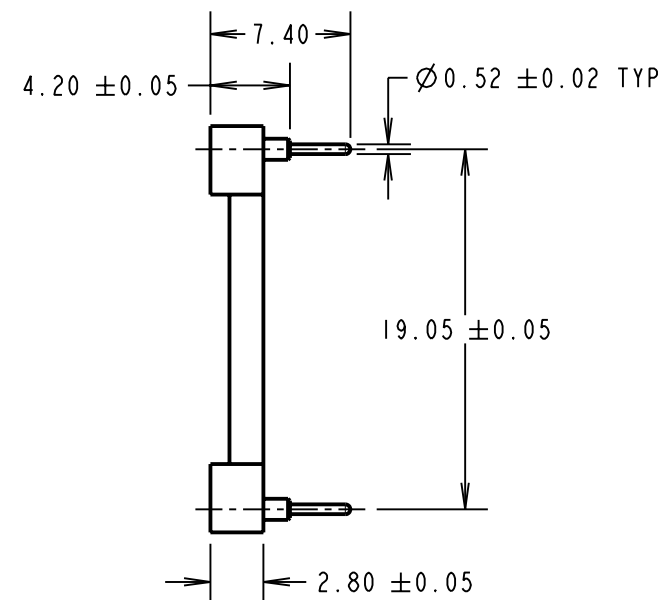
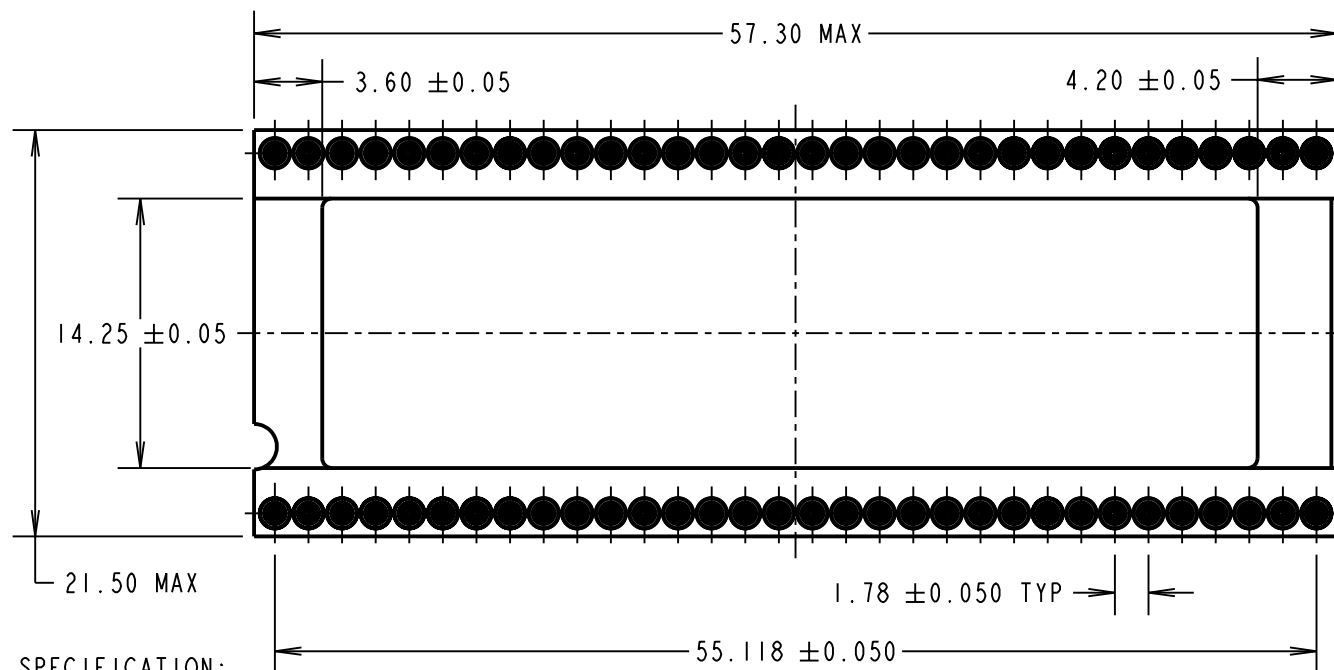
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

**SPECIFICATION:****MATERIAL:**

MOULDING = GLASS FILLED PCT UL94V-0, BLACK

CONTACT SHELL = BRASS

CONTACT CLIP = BERYLLIUM COPPER

**FINISH:**

CONTACT SHELL = 5µ 100% TIN

CONTACT CLIP = GOLD FLASH

**ELECTRICAL:**

CURRENT RATING = 1A

VOLTAGE RATING = 100V AC, 150V DC

CONTACT RESISTANCE = 10 MILLIOHMS MAX

INSULATION RESISTANCE = 10,000 MEGOHMS MIN

DIELECTRIC STRENGTH = 700V AC

**ENVIRONMENTAL:**

TEMPERATURE RANGE = -55°C TO +125°C

**MECHANICAL:**

INSERTION FORCE (Ø0.43mm GAUGE) = 3.4N MAX

WITHDRAWAL FORCE (Ø0.43mm GAUGE) = 0.6N MIN

**NOTES:**

1. RECOMMENDED HOLE SIZE = Ø0.80mm.
2. RECOMMENDED MATING PIN SIZE = Ø0.56-0.40mm  
OR 0.25mm x 0.45mm.
3. RECOMMENDED PC BOARD THICKNESS = 1.4 TO 2.0mm
4. MAXIMUM CONTACT DEPTH = 2.20mm.  
MAXIMUM MATING PIN LENGTH = 3.55mm.

|                     |      |          |        |
|---------------------|------|----------|--------|
| 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:**

1.778mm (0.07") PITCH 64-WAY  
DIL IC SOCKET (SHRINK-DIP)

DRAWING NUMBER:

**D8864-42**

SHT

2 OF 2

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