

# Customer Information Sheet

DRAWING No.: D01-997XX42

SHEET 2 OF 2

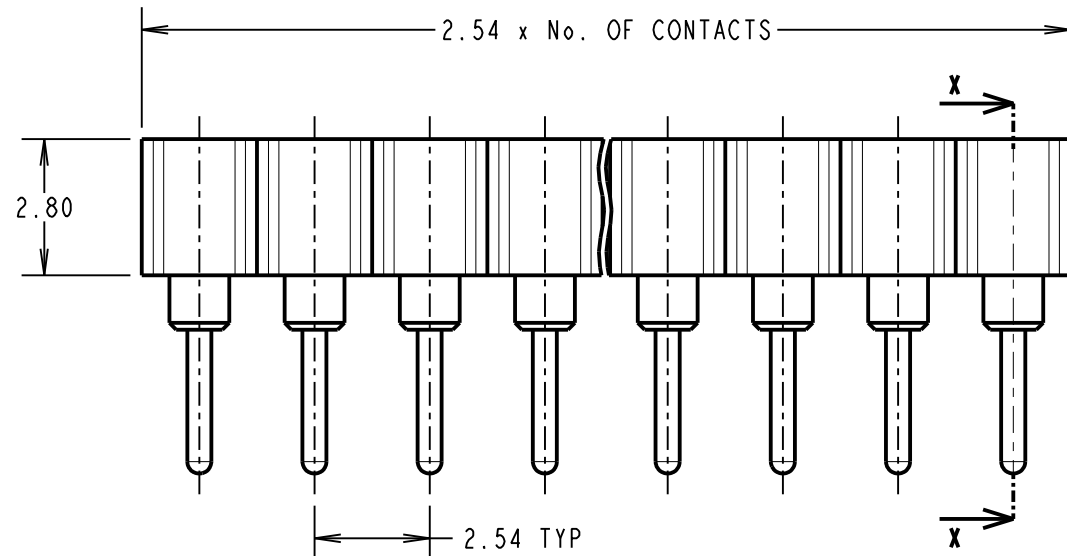
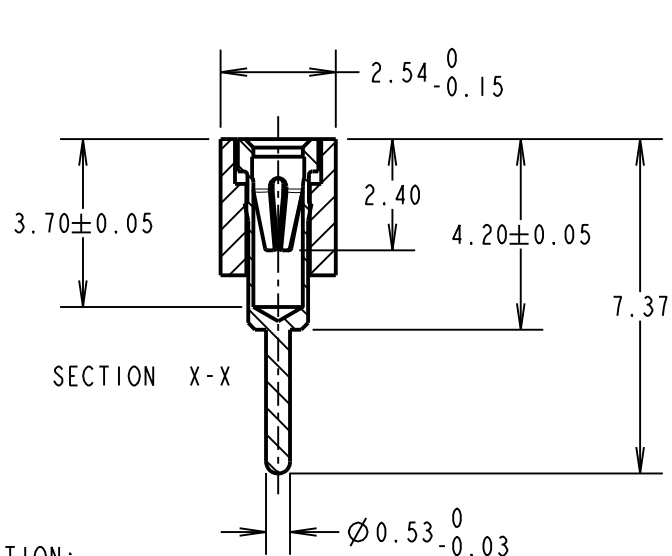
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



## SPECIFICATION:

### MATERIAL:

CARRIER = GLASS FILLED PCT, BLACK, UL94V-0

SHELL = BRASS

CONTACT = BERYLLIUM COPPER

### FINISH:

SHELL = 5μ 100% TIN OVER NICKEL

CLIP = GOLD FLASH OVER NICKEL

### ELECTRICAL:

CURRENT RATING = 1A

CONTACT RESISTANCE = 10 MILLIOHMS MAX

INSULATION RESISTANCE = 10000 MEGOHMS MIN

DIELECTRIC WITHSTANDING = 1000V AC

### MECHANICAL:

INSERTION FORCE (Ø0.46mm GAUGE) = 5N MAX

WITHDRAWAL FORCE (Ø0.46mm GAUGE) = 0.5N MIN

DURABILITY = 500 CYCLES MIN.

### ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

## NOTES:

1. RECOMMENDED PCB SIZE = 1.4-2.0mm
2. RECOMMENDED PIN SIZE = Ø0.40-0.56mm
3. RECOMMENDED PCB HOLE SIZE = Ø0.8mm

ORDER CODE:

**D01-997XX42**

No. OF CONTACTS: \_\_\_\_\_  
01 TO 32, 48, 64

FINISH: \_\_\_\_\_  
GOLD CLIP, 100% TIN SHELL

|                     |      |          |        |
|---------------------|------|----------|--------|
| SB                  | II   | 18.03.13 | 11980  |
| NAME                | ISS. | DATE     | C/NOTE |
| APPROVED: S.BENNETT |      |          |        |
| CHECKED: S.FLOWER   |      |          |        |
| DRAWN: D.BECK       |      |          |        |
| 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:

SIL THROUGH  
SOCKET CONNECTOR

DRAWING NUMBER:

**D01-997XX42**

SHT  
2 OF 2

# Mouser Electronics

Authorized Distributor

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

Harwin:

|                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |
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| <a href="#"><u>D01-9971242</u></a> | <a href="#"><u>D01-9971342</u></a> | <a href="#"><u>D01-9971442</u></a> | <a href="#"><u>D01-9971542</u></a> | <a href="#"><u>D01-9971642</u></a> | <a href="#"><u>D01-9971742</u></a> | <a href="#"><u>D01-9971842</u></a> | <a href="#"><u>D01-9971942</u></a> |
| <a href="#"><u>D01-9972142</u></a> | <a href="#"><u>D01-9972242</u></a> | <a href="#"><u>D01-9972342</u></a> | <a href="#"><u>D01-9972442</u></a> | <a href="#"><u>D01-9972542</u></a> | <a href="#"><u>D01-9972642</u></a> | <a href="#"><u>D01-9972742</u></a> | <a href="#"><u>D01-9972842</u></a> |
| <a href="#"><u>D01-9972942</u></a> | <a href="#"><u>D01-9973042</u></a> | <a href="#"><u>D01-9973142</u></a> | <a href="#"><u>D01-9970242</u></a> |                                    |                                    |                                    |                                    |