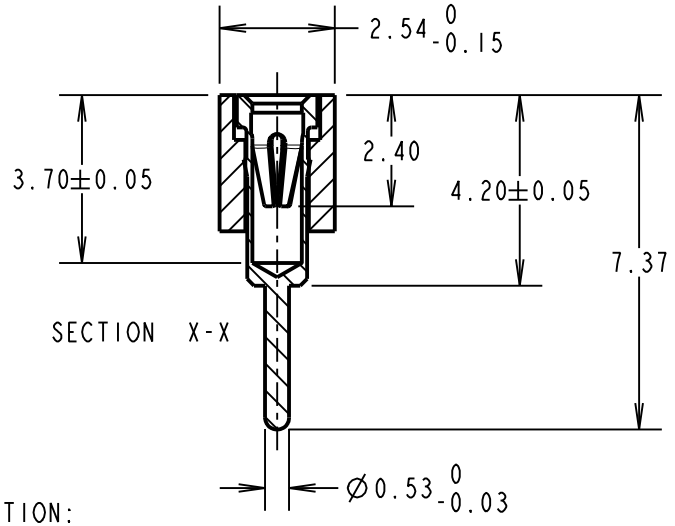
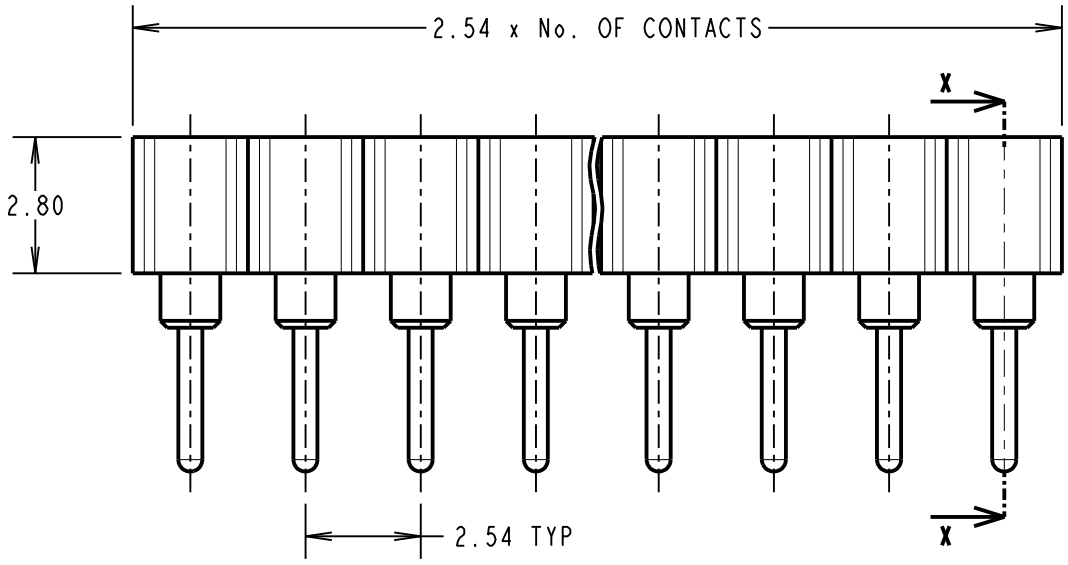
Customer Information Sheet

DRAWING No.: D01-997XX42	SHEET 2 OF 2	IF IN DOUBT - ASK	©	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	11	18.03.13	11980
NAME	ISS.	DATE	C/NOTE

APPROVED: S.BENNETT

CHECKED: S.FLOWER

DRAWN: D.BECK

CUSTOMER REF.:

ASSEMBLY DRG:

HARWIN

www.harwin.com
technical@harwin.com

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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: mm²

TITLE: SIL THROUGH SOCKET CONNECTOR

DRAWING NUMBER: D01-997XX42

SHT 2 OF 2