

Customer Information Sheet

DRAWING No.: D01-967XXXX

SHEET 2 OF 2

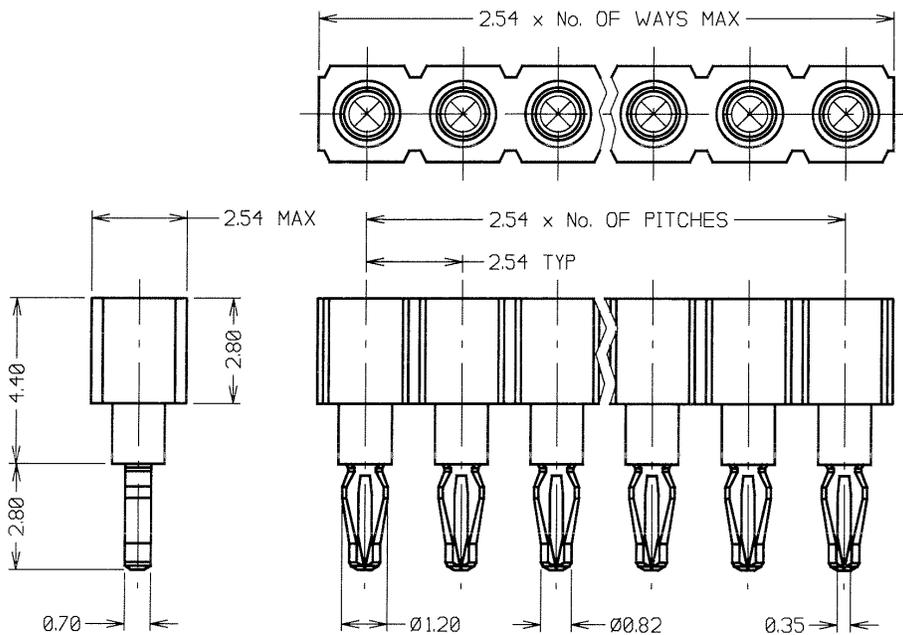
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIALS:

MOULDING = GLASS-FILLED POLYESTER,
BLACK, UL94V-0
CONTACT CLIP = BERYLLIUM COPPER
CONTACT SHELL = BRONZE

FINISH:

01 - CLIP = 0.25µ GOLD OVER 2-3µ NICKEL
SHELL - 5µ 90/10 TIN/LEAD OVER 2-3µ NICKEL
T6 - CLIP = 5µ 90/10 TIN/LEAD OVER 2-3µ NICKEL
SHELL = 5µ 90/10 TIN/LEAD OVER 2-3µ NICKEL

ELECTRICAL:

CURRENT RATING (PER CONTACT) = 1 AMP MAX
VOLTAGE RATING = 100V AC, 150V DC MAX
CONTACT RESISTANCE = 10 MILLIOHMS MAX
INSULATION RESISTANCE = 10,000 MEGOHMS MIN
AT 500V AC
DIELECTRIC STRENGTH = 1,000V AC MIN

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

MECHANICAL:

DURABILITY = 500 OPERATIONS
INSERTION FORCE (Ø0.46mm GAUGE) = 1.8N
WITHDRAWAL FORCE (Ø0.46mm GAUGE) = 1.0N
INSERTION FORCE IN PCB = 200N MAX
RETENTION FORCE IN PCB (INITIAL) = 25N MIN
RETENTION FORCE IN PCB AFTER 3 INSERTIONS
= 12.5N MIN

NOTES:

1. RECOMMENDED PLATED-THROUGH HOLE SIZE = Ø1.09-0.94mm.
2. RECOMMENDED PC BOARD THICKNESS = 1.5 TO 2.0mm.
3. RECOMMENDED MATING PIN DIAMETER = Ø0.56-0.40mm.
4. MATING PIN LENGTH = 2.40mm MIN, 3.65mm MAX.

ORDER CODE:

D01-967XXXX

No. OF WAYS
02 TO 64

FINISH

01 - GOLD CLIP, 90/10 TIN/LEAD SHELL
T6 - 90/10 TIN/LEAD CLIP AND SHELL

1	15.08.00	----
ISS.	DATE	C/NOTE
APPROVED:		
CHECKED:		
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 = ±1°
UNLESS STATED

MATERIAL: SEE ABOVE
FINISH: SEE ABOVE
S/AREA: mm²

TITLE: 2.54mm PITCH SIL VERTICAL PRESS-FIT PC TAIL FEMALE SOCKET ASSEMBLY
DRAWING NUMBER: D01-967XXXX
SHT 2 OF 2

HARWIN INC U.S.A. TEL: (812) 285 0055 FAX: (812) 285 0056
HARWIN PLC U.K. TEL: 023 9237 0451 FAX: 023 9231 4590
HARWIN PTE SINGAPORE TEL: 65 7794909 FAX: 65 7793868