

Customer Information Sheet

DRAWING No.: D01-967XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

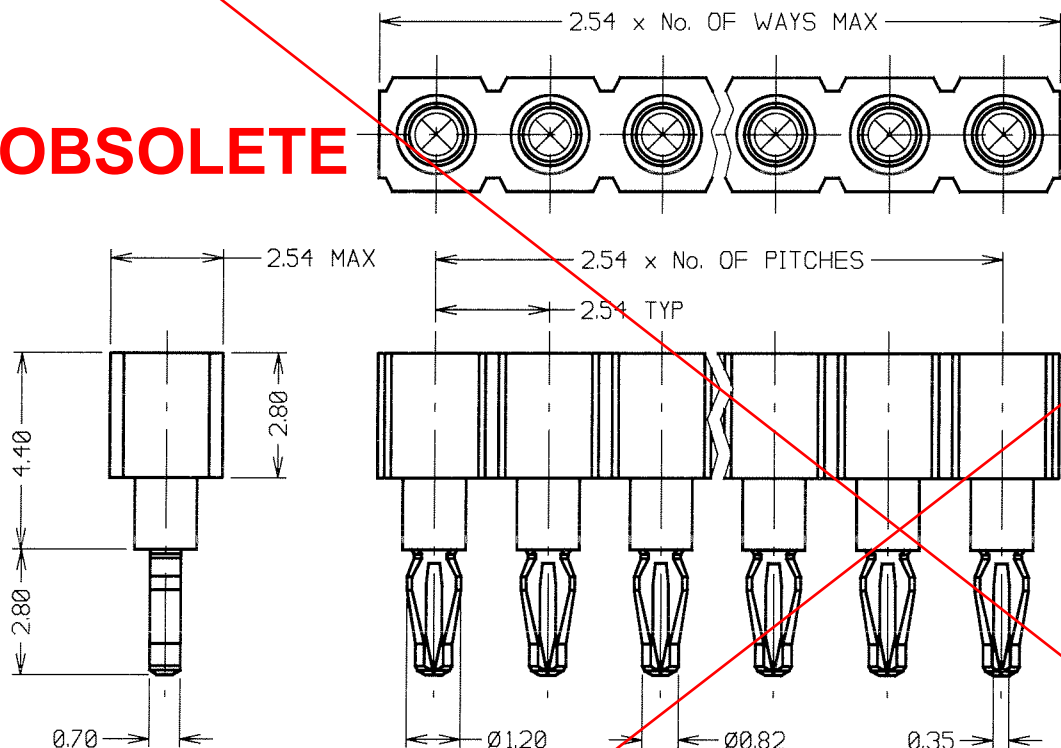
(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

OBSOLETE



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

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

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OTHER PURPOSE WITHOUT
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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

Mouser Electronics

Authorized Distributor

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Harwin:

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