

Customer Information Sheet

DRAWING No.:M20-976XXX

SHEET 2 OF 2

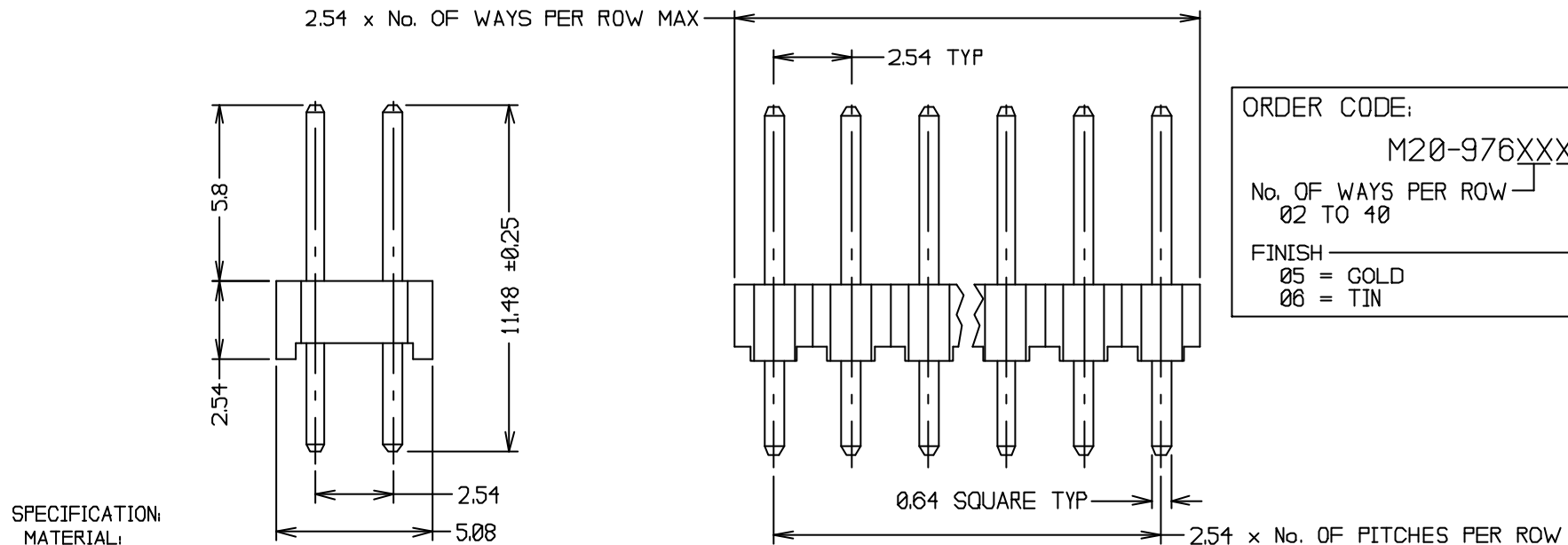
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATION:

MATERIAL:

PINS - BRASS

MOULDING - 30% GLASS-FILLED POLYESTER UL94V-0 BLACK

FINISH:

05 - GOLD FLASH

06 - 5.0μm TIN

ELECTRICAL:

CURRENT RATING AT 25°C - 3.0A MAX.

CURRENT RATING AT 85°C - 2.0A MAX.

VOLTAGE PROOF AT 50 Hz - 750V AC/DC

CONTACT RESISTANCE (INITIAL) - 20 MILLIOHMS MAX. (TIN), 15 MILLIOHMS MAX. (GOLD)

CONTACT RESISTANCE (AFTER CONDITIONING) - 30 MILLIOHMS MAX. (TIN), 25 MILLIOHMS MAX. (GOLD)

INSULATION RESISTANCE (INITIAL) - 1,000,000 MEGOHMS MIN.

INSULATION RESISTANCE (AFTER CONDITIONING) - 10,000 MEGOHMS MIN.

MECHANICAL:

DURABILITY - 300 OPERATIONS (GOLD), 50 OPERATIONS (TIN)

ENVIRONMENTAL:

TEMPERATURE RANGE - -40°C TO +105°C

PACKING:

BAG

FOR COMPLETE ELECTRICAL AND MECHANICAL SPECIFICATIONS, SEE COMPONENT SPECIFICATION C001XX (LATEST ISSUE).

NOTES:

1. RECOMMENDED HOLE SIZE = Ø1.00mm.

8	01.11.00	5538
ISS.	DATE	C/NOTE
APPROVED:		
CHECKED:		
DRAWN: J. KEIR		
CUSTOMER REF:		
ASSEMBLY DRG:		

HARWIN

HARWIN INC USA TEL: (812) 285 0055 FAX: (812) 285 0056	HARWIN PLC U.K. TEL: 023 9231 4545 FAX: 023 9231 4590	HARWIN PTE SINGAPORE TEL: 65 7794909 FAX: 65 7793868
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TENDERING OR FOR ANY
OTHER PURPOSE WITHOUT
THEIR WRITTEN PERMISSION

TOLERANCES
X. - ±1mm
XX - ±0.25mm
XXX - ±0.10mm
XXXX - ±0.01mm
ANGLES - ±1°
UNLESS STATED

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

TITLE
2.54mm PITCH DIL VERTICAL
PIN HEADER (5.8mm)
DRAWING NUMBER:
M20-976XXXX
SHT
2
OF
2

Customer Information Sheet

DRAWING No.: M20-976XX22

SHEET 2 OF 2

IF IN DOUBT - ASK

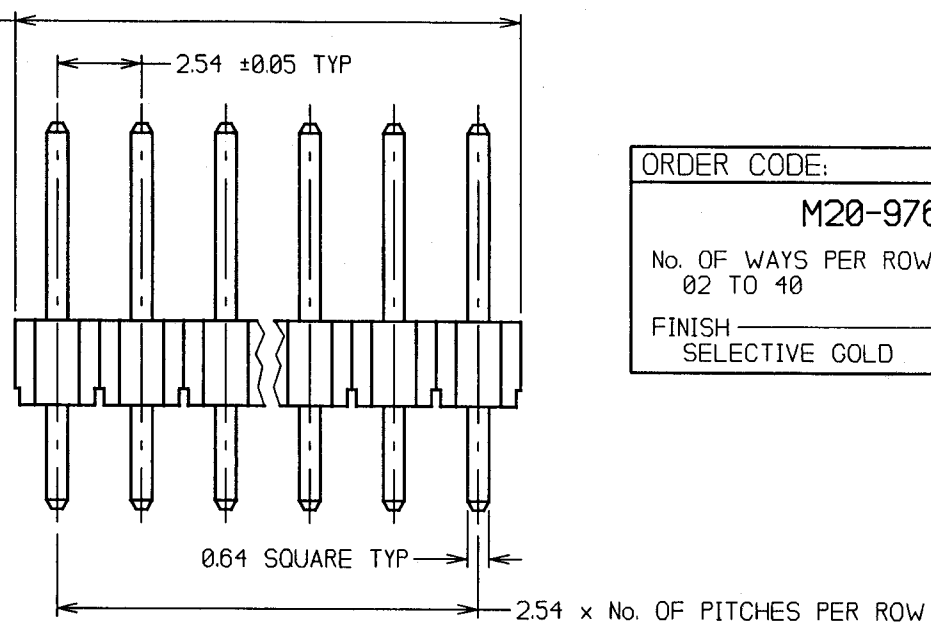
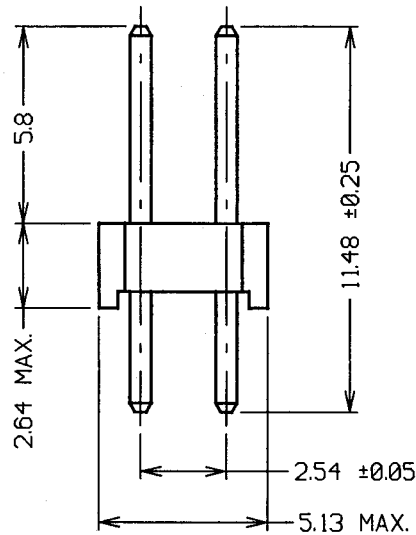
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NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

2.54 x No. OF WAYS PER ROW ± 0.35



ORDER CODE:

M20-976XX22

No. OF WAYS PER ROW
02 TO 40

FINISH
SELECTIVE GOLD

SPECIFICATION

MATERIAL:

PINS - BRASS

MOULDING - POLYESTER UL94V-0

FINISH:

22 - 0.13μ GOLD OVER 1.27μ NICKEL ON CONTACTS, 3.0μ 90/10 TIN/LEAD ON TAILS

ELECTRICAL:

CURRENT RATING AT 25°C - 3.0A MAX.

CURRENT RATING AT 85°C - 2.0A MAX.

VOLTAGE PROOF AT 50 Hz - 750V AC/DC

CONTACT RESISTANCE (INITIAL) - 15 MILLIOHMS MAX.

CONTACT RESISTANCE (AFTER CONDITIONING) - 25 MILLIOHMS MAX.

INSULATION RESISTANCE (INITIAL) - 1,000,000 MEGOHMS MIN.

INSULATION RESISTANCE (AFTER CONDITIONING) - 10,000 MEGOHMS MIN.

MECHANICAL:

DURABILITY - 300 OPERATIONS

ENVIRONMENTAL:

TEMPERATURE RANGE - -40°C TO +105°C

PACKING:

BAG

FOR COMPLETE ELECTRICAL AND MECHANICAL SPECIFICATIONS, SEE COMPONENT SPECIFICATION C001XX (LATEST ISSUE).

NOTES:

1. ALL TOLERANCES ARE ± 0.2 UNLESS OTHERWISE STATED.
2. RECOMMENDED HOLE SIZE = $\phi 1.00$ mm.

7	08.09.98	4549
6	06.05.98	4303
ISS.	DATE	C/N
APPROVED: <i>[Signature]</i>		
CHECKED: <i>[Signature]</i>		
DRAWN: D. BECK		
CUSTOMER REF.		
ASSEMBLY DRG:		

HARWIN

HARWIN INC

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SINGAPORE

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TOLERANCES

X. - ± 1 mm

X.X - ± 0.25 mm

X.XX - ± 0.10 mm

X.XXX - ± 0.01 mm

ANGLES - $\pm 1^\circ$

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE:

2.54mm PITCH DIL VERTICAL
PIN HEADER (5.8mm)

DRAWING NUMBER:

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SHT

2

OF 2