

# Customer Information Sheet

DRAWING No:- M20-996XXXX

SHEET 2 OF 2

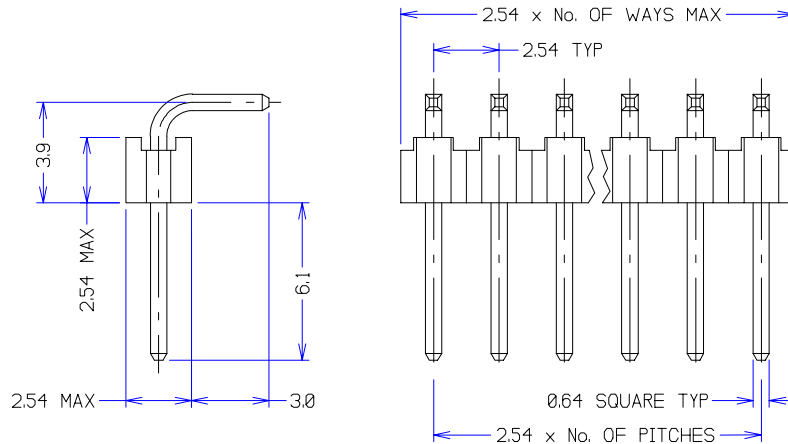
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



ORDER CODE:

M20-996XXXX

No. OF WAYS PER ROW  
02 TO 40

FINISH  
05 = GOLD  
06 = TIN

## SPECIFICATION

### MATERIAL:

PINS - BRASS

MOULDING - POLYESTER UL94V-0

### FINISH:

05 - GOLD FLASH

06 - 50µm TIN

### ELECTRICAL:

CURRENT RATING AT 25°C = 30A MAX.

CURRENT RATING AT 85°C = 20A 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.

|    |         |      |
|----|---------|------|
| 14 | 0605.98 | 4303 |
| 13 | 2006.96 | 3374 |
| 12 | 1806.96 | 3365 |
| 11 | 1006.96 | 3347 |
| 10 | 1908.93 | 2383 |
| 9  | 2207.91 | 1854 |

| ISS.           | DATE | C/N |
|----------------|------|-----|
| APPROVED:      |      |     |
| CHECKED:       |      |     |
| DRAWN: D. BECK |      |     |
| CUSTOMER REF.  |      |     |
| ASSEMBLY DRG:  |      |     |

# HARWIN

## 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 HORIZONTAL  
PIN HEADER (6.1mm)

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M20-996XXXX

SHT  
2 OF  
2

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