

# Customer Information Sheet

DRAWING No.: M20-975XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

**NOTES:**

1. RECOMMENDED PCB MOUNTING HOLE SIZE =  $\varnothing 1.00\text{mm}$ .
2. ALL TOLERANCES ARE  $\pm 0.25\text{mm}$  UNLESS OTHERWISE STATED.
3. FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C001XX (LATEST ISSUE).

**SPECIFICATION:**

**MATERIAL:**

MOULDING = HIGH TEMP NYLON 6T UL94V-0, BLACK  
PINS = BRASS

**FINISH:**

**PINS:**

42 = GOLD ON CONTACT AREA, 100% TIN ON TAILS  
46 = 100% TIN OVER NICKEL

**ELECTRICAL:**

CURRENT RATING = 3A MAX  
CONTACT RESISTANCE = 25 m $\Omega$  MAX (GOLD), 30 m $\Omega$  MAX (TIN)  
INSULATION RESISTANCE = 1,000 M $\Omega$  MIN  
DIELECTRIC STRENGTH = 750V AC/DC

**MECHANICAL:**

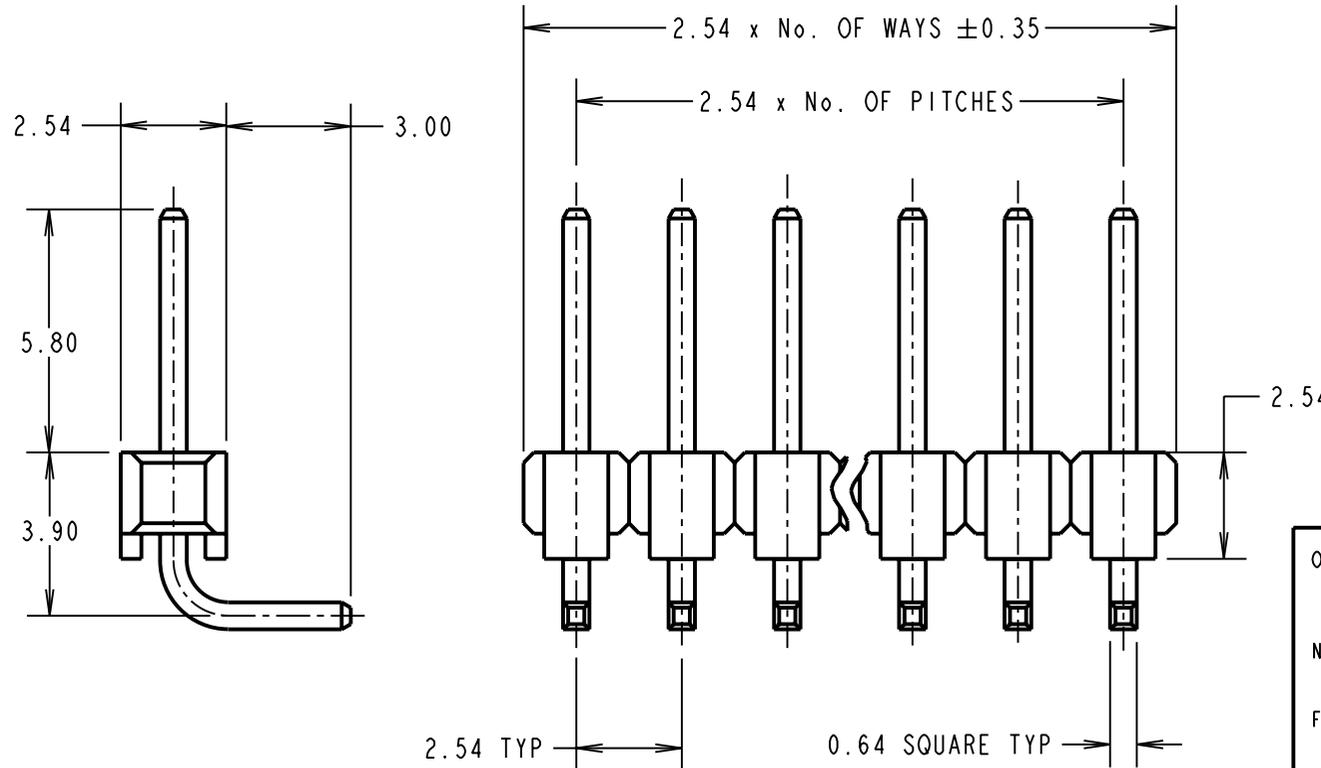
DURABILITY = 300 OPERATIONS (GOLD), 50 OPERATIONS (TIN)

**ENVIRONMENTAL:**

TEMPERATURE RANGE = -40°C TO +105°C

**PACKING:**

BAG



**OBSOLETE**

No. of Contacts:

21 to 24, 26 to 35, 37 to 39

ORDER CODE:

**M20-975XXXX**

No. OF WAYS: 02 TO 40

FINISH:

42 = SELECTIVE GOLD + 100% TIN  
46 = 100% TIN

CP	13	14.09.09	10298
NAME	ISS.	DATE	C/NOTE
APPROVED: C.PENROSE			
CHECKED: R.ADDE			
DRAWN: J. CLAY			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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**TOLERANCES**

~~X =  $\pm 1\text{mm}$~~   
~~X.X =  $\pm 0.25\text{mm}$~~   
~~X.XX =  $\pm 0.10\text{mm}$~~   
~~X.XXX =  $\pm 0.01\text{mm}$~~   
ANGLES =  $\pm 5^\circ$

UNLESS STATED

**MATERIAL:**

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm<sup>2</sup>

**TITLE:**

2.54mm PITCH SIL  
HORIZONTAL PC TAIL  
PIN HEADER ASSEMBLY

**DRAWING NUMBER:**

**M20-975XXXX**

SHT  
2 OF 2

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