

# Customer Information Sheet

DRAWING No.: M20-975XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

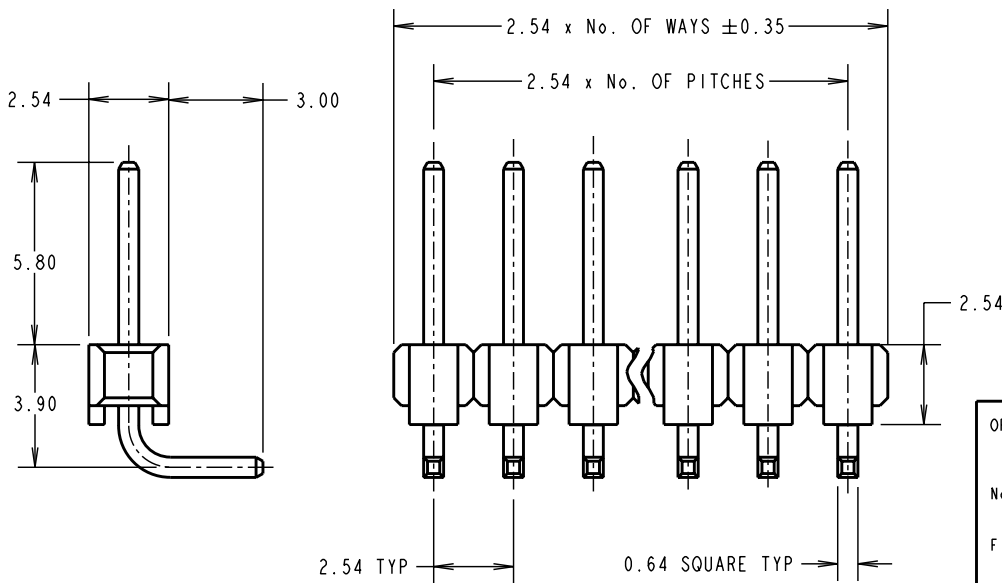
ALL DIMENSIONS IN mm

**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



ORDER CODE:  
**M20-975XXXX**  
 No. OF WAYS: 02 TO 40  
 FINISH:  
 42 = SELECTIVE GOLD + 100% TIN  
 46 = 100% TIN

CP	I3	14.09.09	10298
NAME	ISS.	DATE	C/NOTE
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CHECKED: R. ADDE			
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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  
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