

# Customer Information Sheet

DRAWING No.: M20-975XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

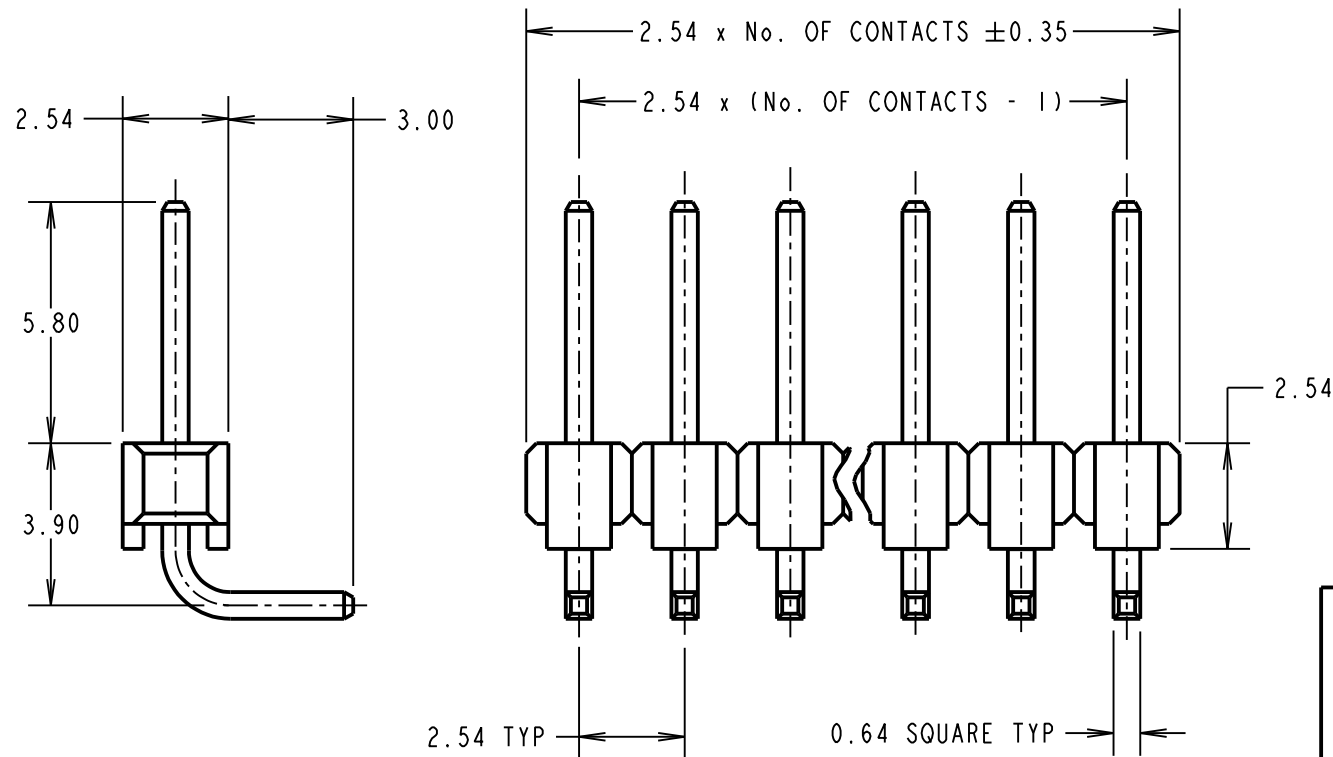
NOT TO SCALE

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 = PA6T UL94V-0, BLACK  
PINS = BRASS  
FINISH:  
PINS (OVER NICKEL):  
42 = GOLD ON CONTACT AREA,  
100% TIN ON TAILS  
46 = 100% TIN OVER NICKEL  
ELECTRICAL:  
CURRENT RATING = 3A MAX  
CONTACT RESISTANCE =  $25\text{m}\Omega$  MAX (GOLD),  
 $30\text{m}\Omega$  MAX (TIN)  
INSULATION RESISTANCE =  $1,000\text{M}\Omega$  MIN  
DIELECTRIC STRENGTH = 750V AC/DC  
MECHANICAL:  
DURABILITY = 300 OPERATIONS (GOLD),  
50 OPERATIONS (TIN)  
ENVIRONMENTAL:  
TEMPERATURE RANGE =  $-40^\circ\text{C}$  TO  $+105^\circ\text{C}$   
PACKING:  
BAG

ORDER CODE:

**M20-975XXXX**

No. OF CONTACTS: \_\_\_\_\_  
02 TO 20, 25, 36, 40

FINISH: \_\_\_\_\_  
42 = SELECTIVE GOLD + 100% TIN  
46 = 100% TIN

WJP	14	01.08.17	20398
NAME	ISS.	DATE	C/NOTE
APPROVED: W. J. PRESTON			
CHECKED: M. PLESTED			
DRAWN: J. CLAY			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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TOLERANCES  
~~X =  $\pm 1\text{mm}$~~   
~~X.X =  $\pm 0.50\text{mm}$~~   
~~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  
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