

# Customer Information Sheet

DRAWING No.: M20-995XXXX

IF IN DOUBT - ASK



NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

**NOTES:**

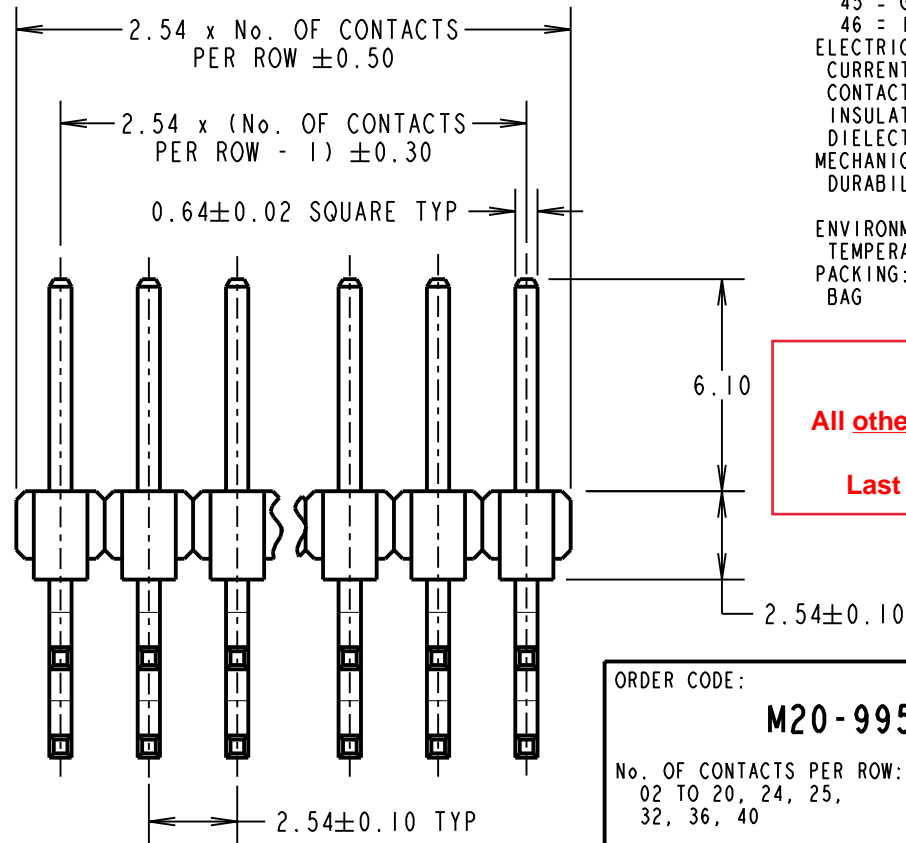
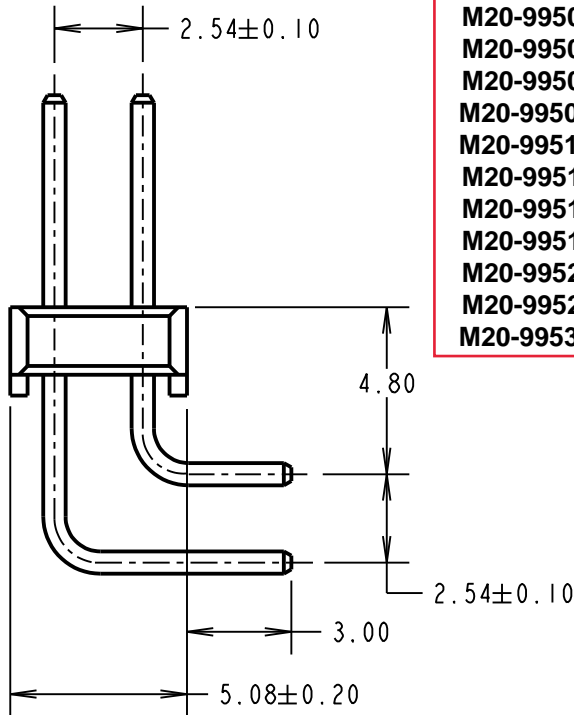
1. RECOMMENDED PCB MOUNTING HOLE SIZE =  $\varnothing 1.02 \pm 0.05 \text{mm}$ .
2. ALL TOLERANCES ARE  $\pm 0.25 \text{mm}$  UNLESS OTHERWISE STATED.
3. FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C001XX (LATEST ISSUE).

**SPECIFICATION:**

MATERIAL:  
 MOULDING = PA6T UL94V-0, BLACK  
 PINS = BRASS  
 FINISH:  
 PINS (OVER NICKEL):  
 45 = GOLD  
 46 = 100% TIN  
 ELECTRICAL:  
 CURRENT RATING = 3A MAX  
 CONTACT RESISTANCE =  $20 \text{m}\Omega$  MAX  
 INSULATION RESISTANCE =  $1,000 \text{M}\Omega$  MIN  
 DIELECTRIC STRENGTH = 500V AC  
 MECHANICAL:  
 DURABILITY = 300 OPERATIONS (GOLD),  
 50 OPERATIONS (TIN)  
 ENVIRONMENTAL:  
 TEMPERATURE RANGE =  $-40^\circ\text{C}$  TO  $+105^\circ\text{C}$   
 PACKING:  
 BAG

**Active products:**

- M20-9950245
- M20-99503XX
- M20-9950445
- M20-9950545
- M20-9950645
- M20-9950745
- M20-99508XX
- M20-99510XX
- M20-9951246
- M20-9951346
- M20-9951845
- M20-9952045
- M20-9952545
- M20-99536XX



**OBSOLETE**

All other size/finish combinations not listed above  
 Last Time Buy = 14th June 2019

**ORDER CODE:**

**M20-995XXXX**

No. OF CONTACTS PER ROW:  
 02 TO 20, 24, 25,  
 32, 36, 40

FINISH:  
 45 = GOLD  
 46 = 100% TIN

MGP	24	17.12.18	21677
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SB			
DRAWN: P. ALEXANDER			
CUSTOMER REF.:			
ASSEMBLY DRG:			

**HARWIN**

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 technical@harwin.com

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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 DIL HORIZONTAL PC TAIL PIN HEADER ASSEMBLY

DRAWING NUMBER: **M20-995XXXX**  
 SHT 2 OF 2

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## Harwin:

[M20-9951445](#) [M20-9951446](#) [M20-9951845](#) [M20-9951846](#) [M20-9951045](#) [M20-9951046](#) [M20-9952045](#) [M20-9952046](#) [M20-9953245](#) [M20-9953246](#) [M20-9951645](#) [M20-9951646](#) [M20-9953646](#) [M20-9953645](#) [M20-9951246](#) [M20-9951245](#) [M20-9952446](#) [M20-9952445](#) [M20-9951946](#) [M20-9951945](#) [M20-9951145](#) [M20-9951146](#) [M20-9951546](#) [M20-9951545](#) [M20-9951345](#) [M20-9951346](#) [M20-9952545](#) [M20-9952546](#) [M20-9951745](#) [M20-9951746](#) [M20-9954045](#) [M20-9954046](#) [M20-9950245](#) [M20-9950246](#) [M20-9950646](#) [M20-9950645](#) [M20-9950445](#) [M20-9950446](#) [M20-9950846](#) [M20-9950845](#) [M20-9950745](#) [M20-9950746](#) [M20-9950346](#) [M20-9950345](#) [M20-9950945](#) [M20-9950946](#) [M20-9950545](#) [M20-9950546](#)