

# Customer Information Sheet

DRAWING No.: M20-995XXXX

IF IN DOUBT - ASK



NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

**NOTES:**

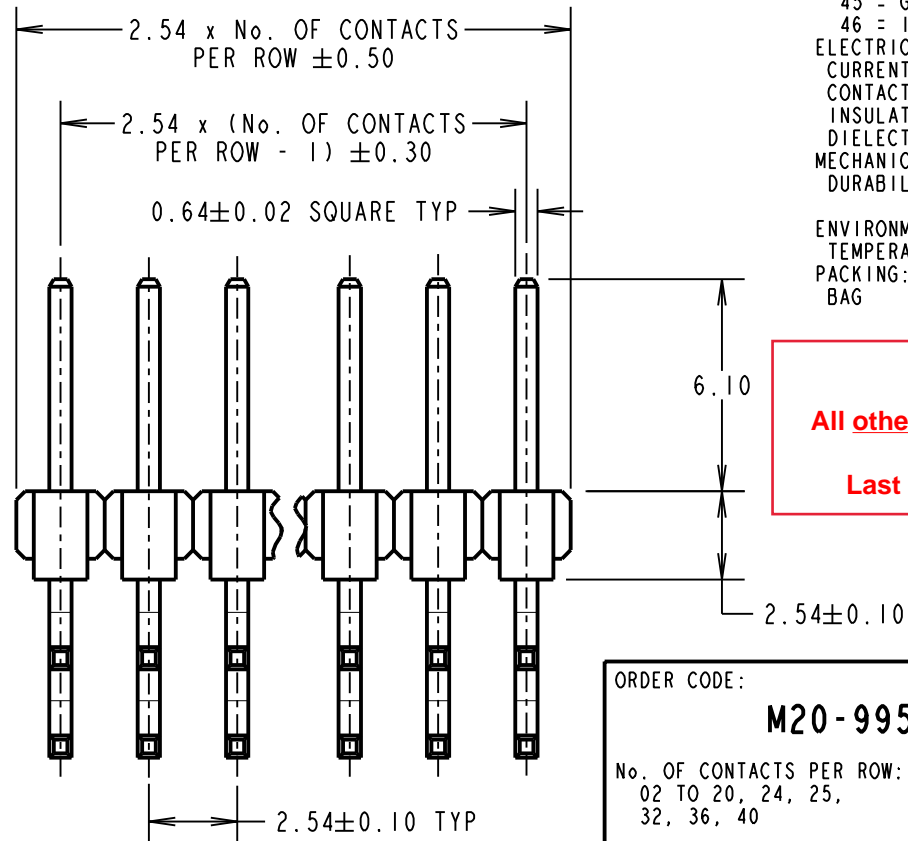
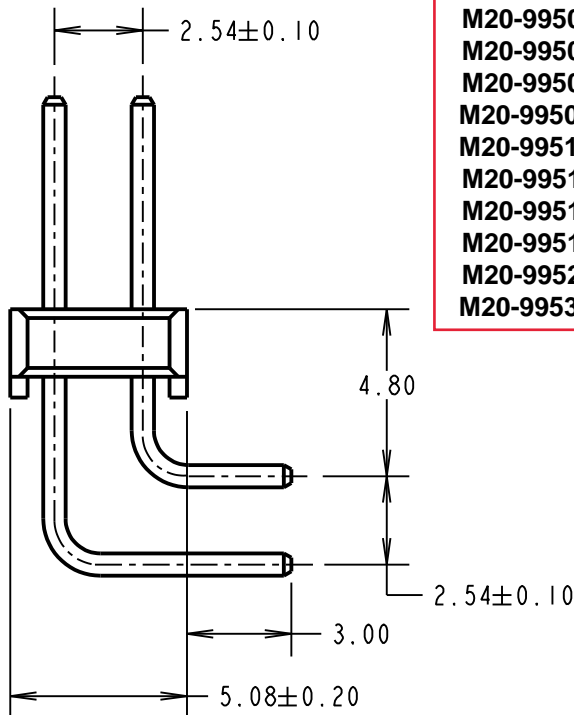
1. RECOMMENDED PCB MOUNTING HOLE SIZE =  $\varnothing 1.02 \pm 0.05$ mm.
2. ALL TOLERANCES ARE  $\pm 0.25$ mm UNLESS OTHERWISE STATED.
3. FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C001XX (LATEST ISSUE).

**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 =  $20m\Omega$  MAX  
 INSULATION RESISTANCE =  $1,000M\Omega$  MIN  
 DIELECTRIC STRENGTH = 500V AC  
**MECHANICAL:**  
 DURABILITY = 300 OPERATIONS (GOLD),  
 50 OPERATIONS (TIN)  
**ENVIRONMENTAL:**  
 TEMPERATURE RANGE =  $-40^{\circ}C$  TO  $+105^{\circ}C$   
**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
- M20-99536XX



**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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**TOLERANCES**  
~~X =  $\pm 1$ mm~~  
~~X.X =  $\pm 0.50$ mm~~  
~~X.XX =  $\pm 0.10$ mm~~  
~~X.XXX =  $\pm 0.01$ 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