

Customer Information Sheet

DRAWING No.: M20-995XXXX

IF IN DOUBT - ASK



NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

NOTES:

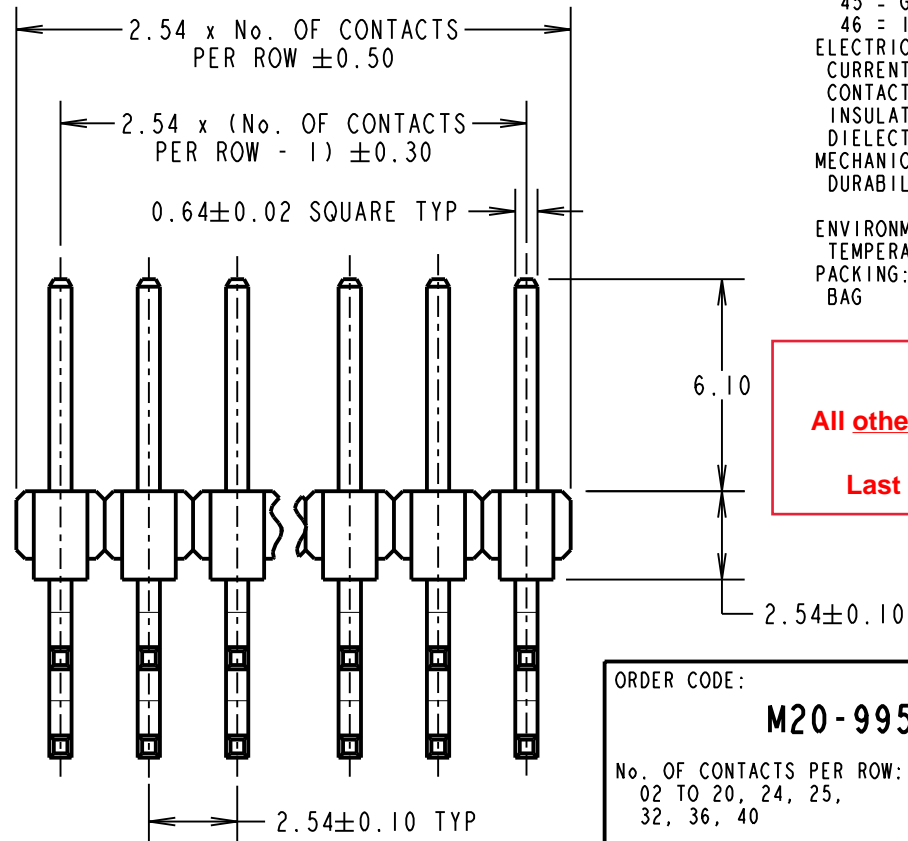
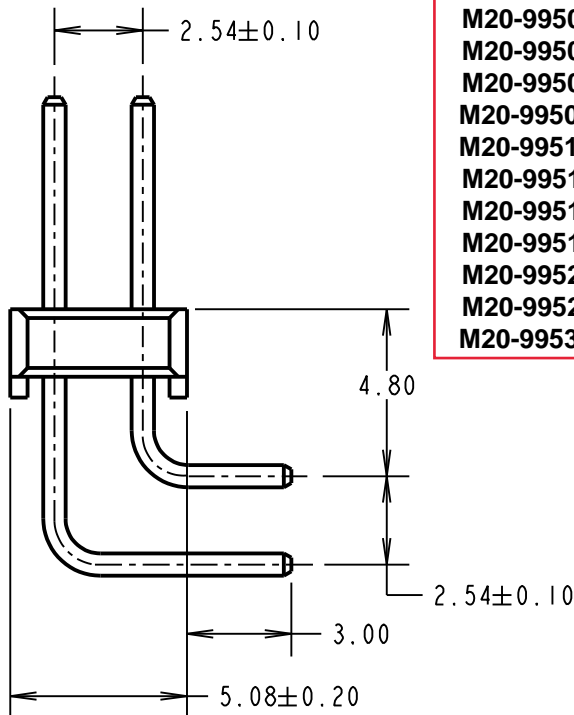
1. RECOMMENDED PCB MOUNTING HOLE SIZE = $\varnothing 1.02 \pm 0.05 \text{mm}$.
2. ALL TOLERANCES ARE $\pm 0.25 \text{mm}$ UNLESS OTHERWISE STATED.
3. FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C001XX (LATEST ISSUE).

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°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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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: mm²

TITLE:
 2.54mm PITCH DIL
 HORIZONTAL PC TAIL
 PIN HEADER ASSEMBLY

DRAWING NUMBER:
M20-995XXXX
 SHT 2 OF 2