

Customer Information Sheet

DRAWING No.: M20-977XXXX

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 ± 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):

42 = GOLD ON CONTACT AREA,

100% TIN ON TAILS

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 $+105^\circ\text{C}$

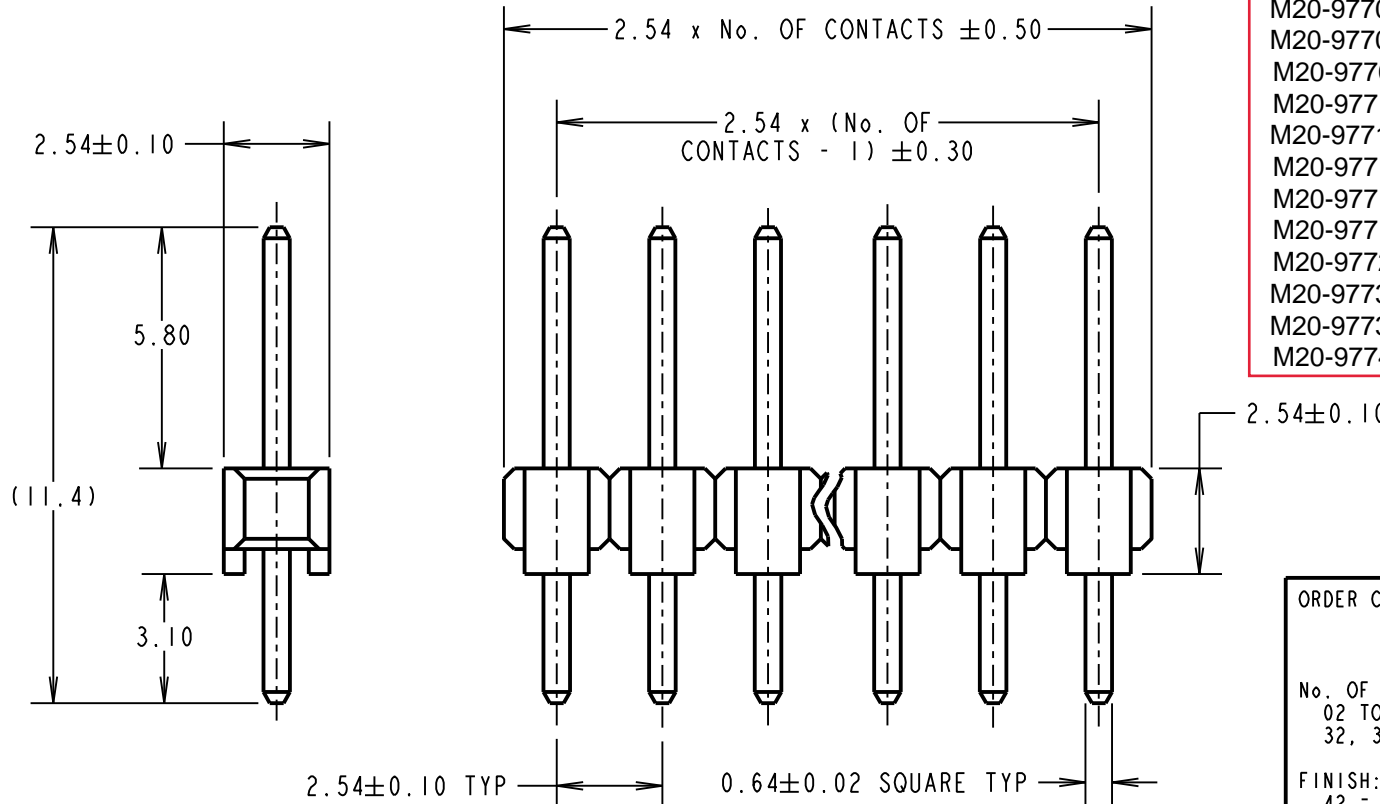
PACKING:

BAG

Active products:

- M20-97702XX
- M20-97703XX
- M20-9770446
- M20-97705XX
- M20-9770646
- M20-97707XX
- M20-97708XX
- M20-9770946
- M20-9771046
- M20-97711XX
- M20-9771246
- M20-9771646
- M20-9771846
- M20-9772646
- M20-97732XX
- M20-97736XX
- M20-9774046

OBSOLETE
All other size/finish combinations not listed above



ORDER CODE:
M20-977XXXX

No. OF CONTACTS: _____
02 TO 20, 25, 26,
32, 36, 40

FINISH: _____
42 = SELECTIVE GOLD + 100% TIN
46 = 100% TIN

JW	14	12.02.26	37839
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SB			
DRAWN: P. COLLINS			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES

~~X = ±1mm~~
~~X.X = ±0.50mm~~
~~X.XX = ±0.10mm~~
~~X.XXX = ±0.01mm~~

ANGLES = ±5°
UNLESS STATED

MATERIAL:
SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE: 2.54mm PITCH SIL VERTICAL PC TAIL PIN HEADER ASSEMBLY

DRAWING NUMBER:
M20-977XXXX

SHT
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