

Customer Information Sheet

DRAWING No.: M20-977XXX

IF IN DOUBT - ASK

(C)

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).

**Active
products:**

M20-97702XX
M20-97703XX
M20-9770446
M20-97705XX
M20-9770646
M20-97707XX
M20-97708XX
M20-9770946
M20-9771046
M20-9771146
M20-9771246
M20-9771646
M20-9771846
M20-9772646
M20-97732XX
M20-97736XX
M20-9774046

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:

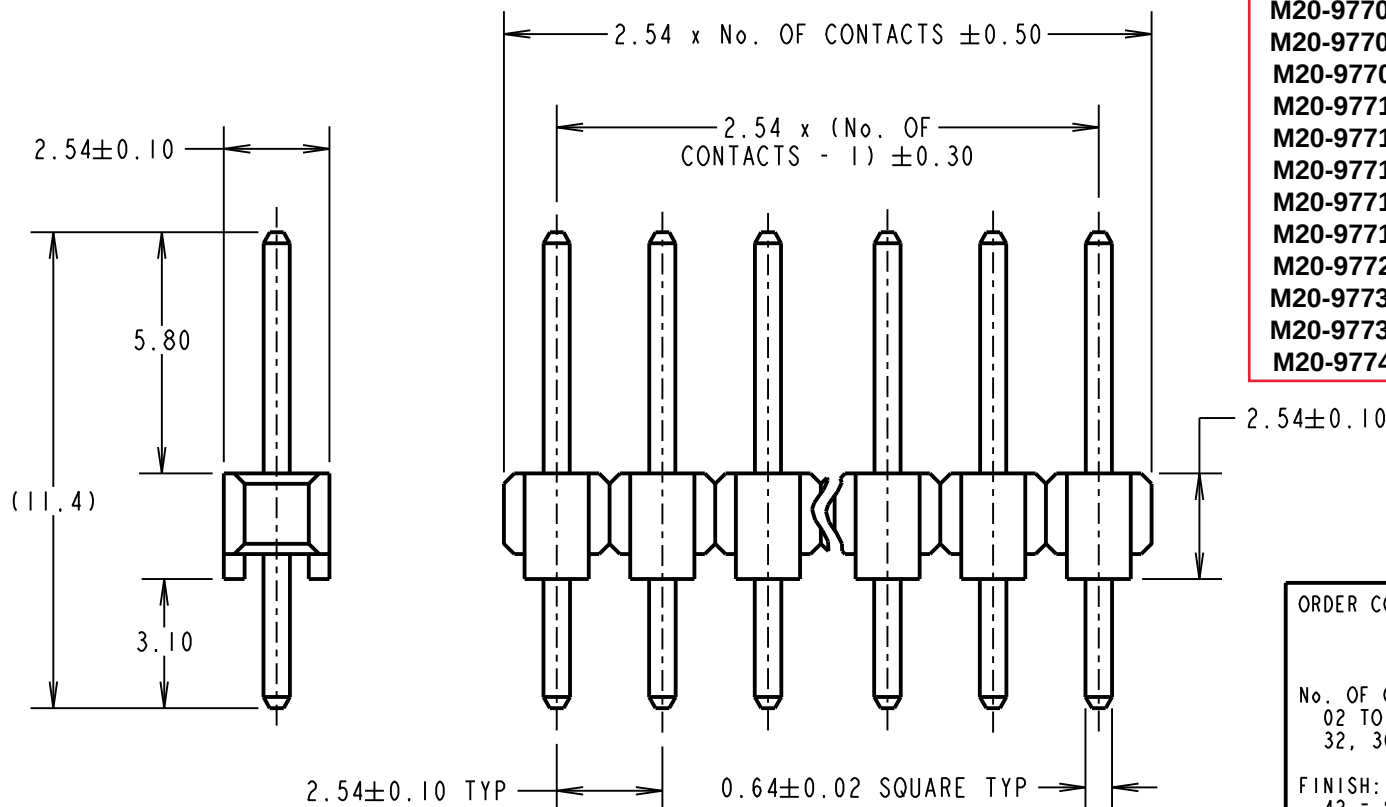
TEMPERATURE RANGE = -40°C TO $+105^{\circ}\text{C}$

PACKING:

BAG

OBSOLETE

**All other size/finish combinations
not listed above**



ORDER CODE:

M20-977XXX

No. OF CONTACTS:

02 TO 20, 25, 26,
32, 36, 40

FINISH:

42 = SELECTIVE GOLD + 100% TIN
46 = 100% TIN

MGP	13	17.12.18	21677
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SB			
DRAWN: P. COLLINS			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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THEIR WRITTEN PERMISSION.

TOLERANCES

~~X = ± 1 mm~~
~~X.X = ± 0.50 mm~~
~~X.XX = ± 0.10 mm~~
~~X.XXX = ± 0.01 mm~~
ANGLES = $\pm 5^{\circ}$

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

mm²

TITLE:

2.54mm PITCH SIL
VERTICAL PC TAIL
PIN HEADER ASSEMBLY

DRAWING NUMBER:

M20-977XXX

SHT
2
OF
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