

Customer Information Sheet

DRAWING No.: M20-975XXXX

IF IN DOUBT - ASK

(C)

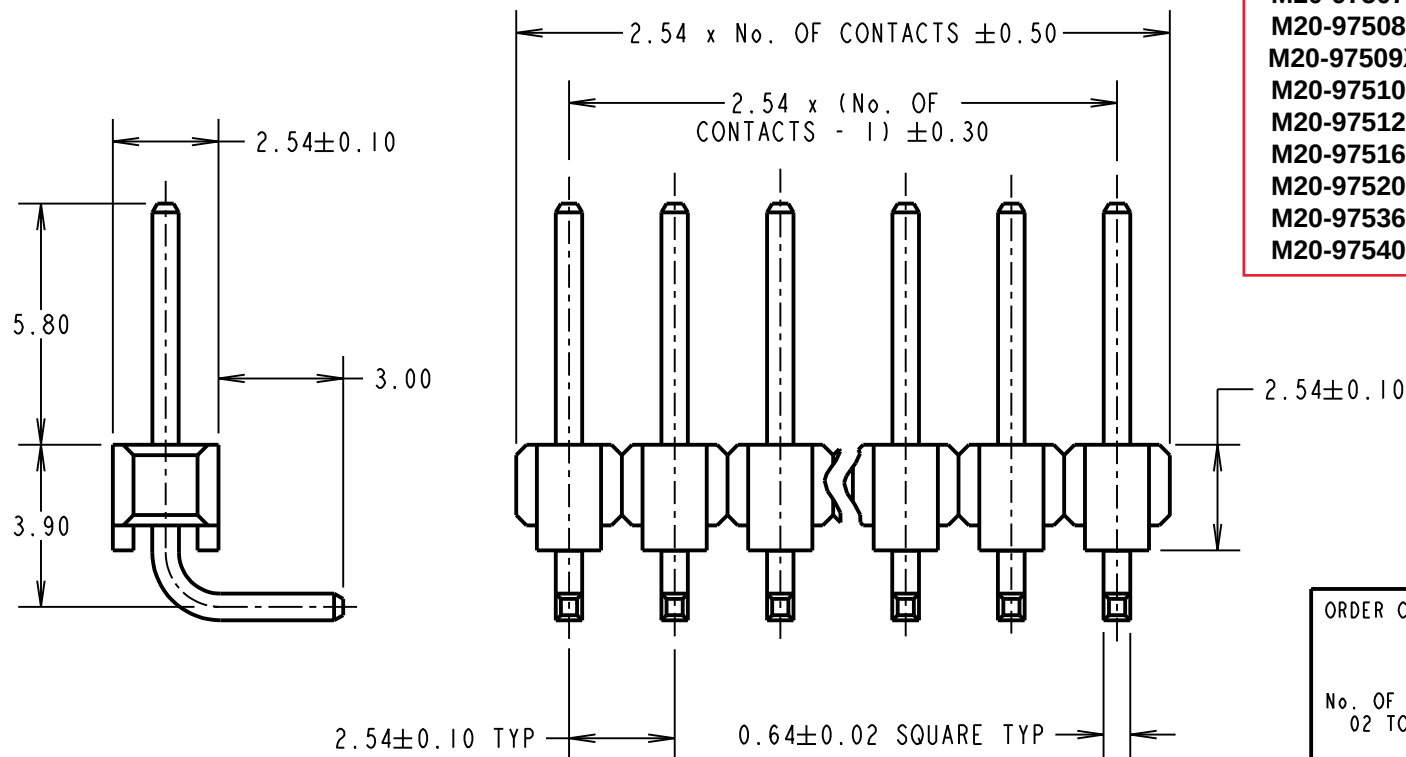
NOT TO SCALE

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:

M20-97502XX
M20-97503XX
M20-9750446
M20-9750646
M20-9750746
M20-9750846
M20-97509XX
M20-9751046
M20-9751246
M20-9751646
M20-9752046
M20-9753646
M20-9754046

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 OVER NICKEL
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
Last Time Buy = 14th June 2019

ORDER CODE:

M20-975XXXX

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

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

MGP	15	14.12.18	21677
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SB			
DRAWN: J. CLAY			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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DISCLOSED, LOANED, COPIED
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TENDERING OR FOR ANY
OTHER PURPOSE WITHOUT
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
HORIZONTAL PC TAIL
PIN HEADER ASSEMBLY

DRAWING NUMBER:

M20-975XXXX

SHT
2 OF 2

Mouser Electronics

Authorized Distributor

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

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