

Customer Information Sheet

DRAWING No.: M20-876XXXX

SHEET 2 OF 2

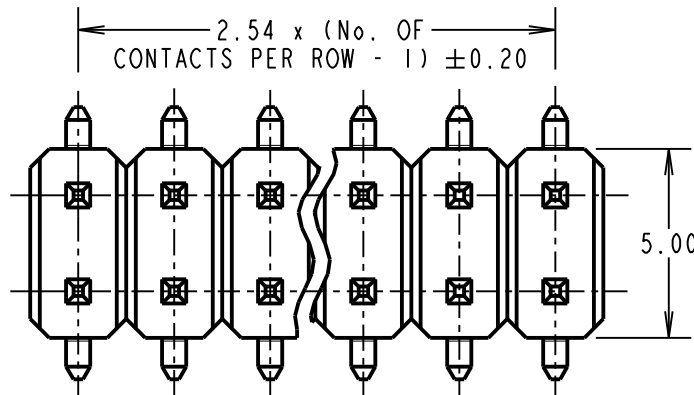
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

RECOMMENDED
PCB LAYOUT2.54 x (No. OF CONTACTS
PER ROW - 1) ± 0.10

3.15 ± 0.05 TYP

2.54 ± 0.05 TYP

1.00 ± 0.05 TYP

**Active
products:**

M20-8760242
M20-87603XX
M20-8760442
M20-87605XX
M20-87606XX
M20-87607XX
M20-87608XX
M20-87610XX
M20-8761242
M20-8761346
M20-87618XX
M20-8762042

SPECIFICATION:

MATERIAL:

MOULDING = PA6T UL94V-0, BLACK

CONTACT = BRASS

FINISH (COVER NICKEL):

42 = SELECTIVE GOLD ON CONTACT AREA,

100% TIN ON TAILS

46 = 100% TIN

ELECTRICAL:

CURRENT RATING = 3A MAX

CONTACT RESISTANCE = 20m Ω MAX

INSULATION RESISTANCE = 500M Ω MIN

DIELECTRIC STRENGTH = 1000V AC

VOLTAGE RATING = 250V AC/DC

MECHANICAL:

DURABILITY = 50 OPERATIONS (TIN),

300 OPERATIONS (GOLD)

ENVIRONMENTAL:

TEMPERATURE RANGE = -40°C TO +105°C

SOLDERING:

REFLOW TEMP = 260°C FOR 10 SECONDS MAX

MANUAL TEMP = 330°C FOR 3-5 SECONDS

PACKING:

BAG

FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION COO1XX (LATEST ISSUE)

NOTES:

1. SEE DRAWING M20-876XXXXP FOR
PICK & PLACE IN TUBES,
M20-876XXXXR FOR TAPE AND REELED.
2. CO-PLANARITY: FLATNESS OF
SMT TAILS WILL NOT EXCEED VALUES
GIVEN IN TABLE.
3. ALL TOLERANCES ARE ± 0.15 UNLESS
OTHERWISE STATED.

No. OF CONTACTS PER ROW	COPLANARITY TOLERANCE
02 TO 12	0.10mm MAX
13 TO 20	0.15mm MAX
25, 36	0.20mm MAX

OBSOLETE

All other size/finish combinations not listed above

ORDER CODE:

M20-876XXXX

No. OF CONTACTS PER ROW:
02 TO 20, 25, 36

FINISH:

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

WJP	22	01.08.17	20398
NAME	ISS.	DATE	C/NOTE
APPROVED: W. J. PRESTON			
CHECKED: S. BENNETT			
DRAWN: P. D. COLLINS			
CUSTOMER REF.:			
ASSEMBLY DRG:			

2.54 x No. OF CONTACTS
PER ROW ± 0.35

2.54 ± 0.05 TYP

0.64 SQUARE TYP

COPLANARITY:
SEE NOTE 2, TABLE

2.54 ± 0.05

5.80 ± 0.20

2.54

7.20 ± 0.30

1.27 ± 0.20

HARWIN

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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 DIL
SMT PIN HEADER ASSEMBLY

DRAWING NUMBER:

M20-876XXXX

SHT
2
OF
2

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