

Customer Information Sheet

DRAWING No.: M20-876XXXX

SHEET 2 OF 2

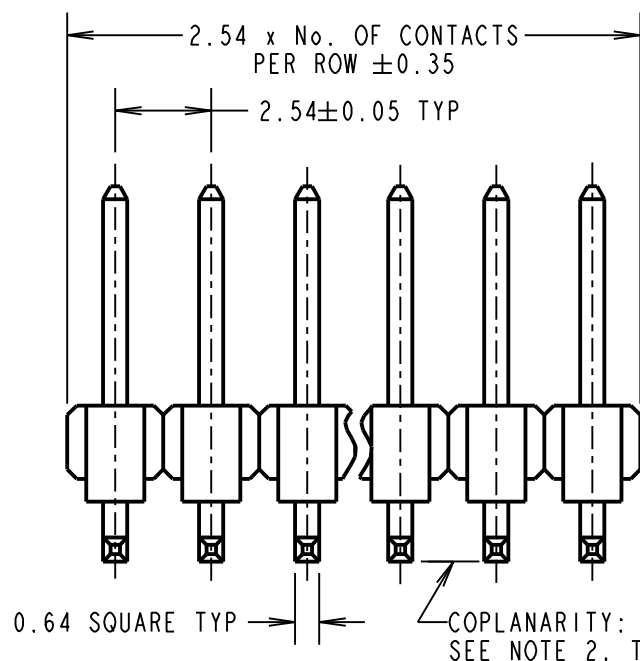
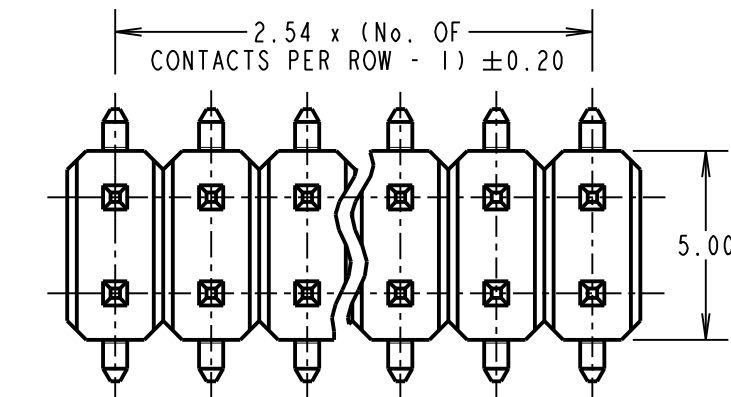
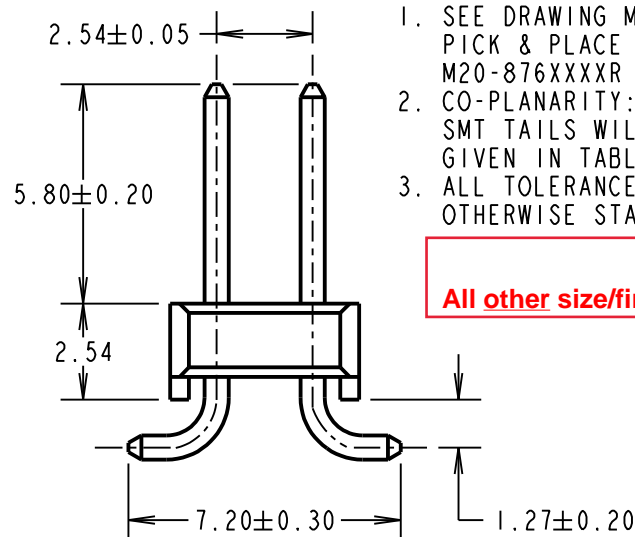
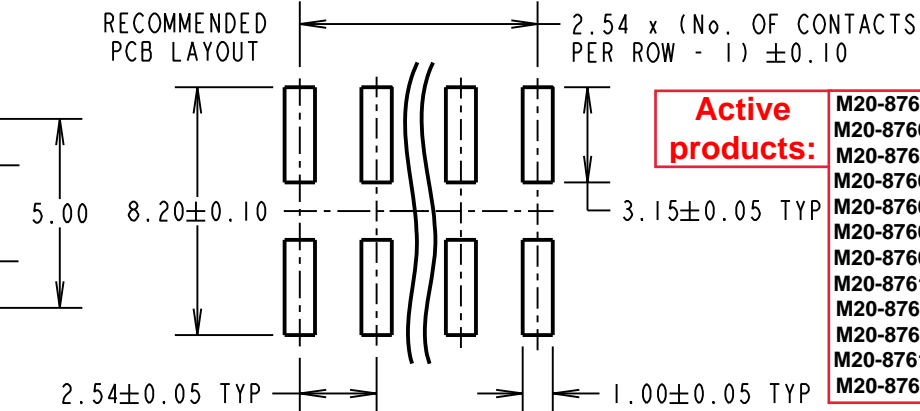
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

RECOMMENDED
PCB LAYOUT**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 (OVER 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 COOIXX (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.

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

ORDER CODE:

M20-876XXXXNo. OF CONTACTS PER ROW:
02 TO 20, 25, 36FINISH:
42 = SELECTIVE GOLD + 100% TIN
46 = 100% TIN

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

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:			

HARWIN

www.harwin.com
technical@harwin.com

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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:

M20-876XXXXSHT
2 OF 2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M20-8761742](#) [M20-8761746](#) [M20-8762542](#) [M20-8762546](#) [M20-8761346](#) [M20-8761342](#) [M20-8761146](#) [M20-8761142](#) [M20-8761946](#) [M20-8761942](#) [M20-8761546](#) [M20-8761542](#) [M20-8761446](#) [M20-8761442](#) [M20-8761046](#) [M20-8761042](#) [M20-8761846](#) [M20-8761842](#) [M20-8761642](#) [M20-8761646](#) [M20-8762046](#) [M20-8762042](#) [M20-8761246](#) [M20-8761242](#) [M20-8763646](#) [M20-8763642](#) [M20-8760546](#) [M20-8760542](#) [M20-8760946](#) [M20-8760942](#) [M20-8760746](#) [M20-8760742](#) [M20-8760342](#) [M20-8760346](#) [M20-8760242](#) [M20-8760246](#) [M20-8760646](#) [M20-8760642](#) [M20-8760446](#) [M20-8760442](#) [M20-8760846](#) [M20-8760842](#)