

Customer Information Sheet

DRAWING No.: M20-876XXXXP

SHEET 3 OF 3

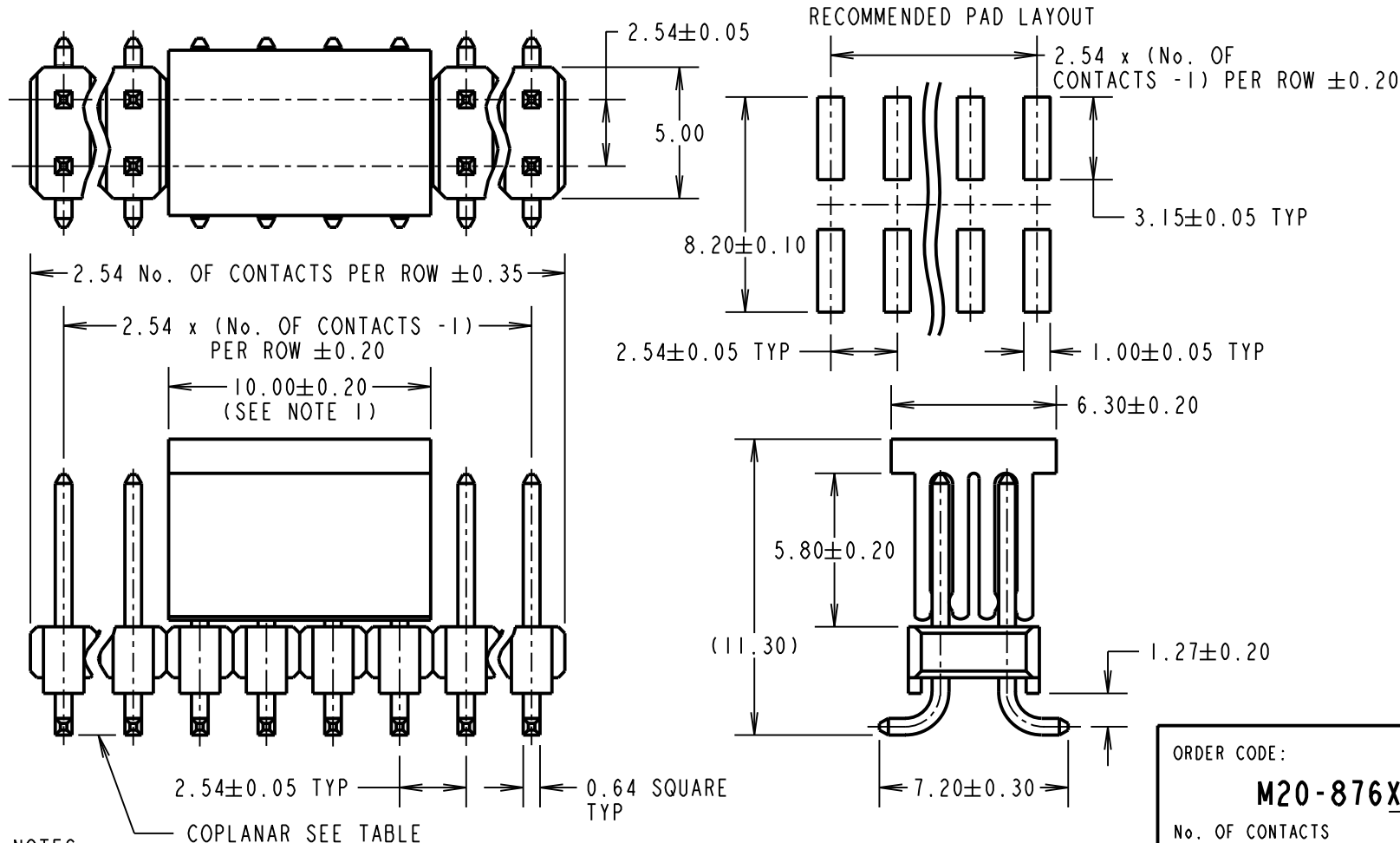
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

**SPECIFICATION:**

MATERIAL:
MOULDING = NYLON 6T UL94V-0, BLACK
CONTACT = BRASS

FINISH:
42 = SELECTIVE GOLD ON CONTACT AREA,
100% TIN ON TAILS
46 = 100% TIN

ELECTRICAL:
CURRENT RATING = 3A MAX
CONTACT RESISTANCE = 20 mΩ MAX
INSULATION RESISTANCE = 500 MΩ 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:
TUBE

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C001XX (LATEST ISSUE)

No OF CONTACTS	COPLANARITY TOLERANCE
2x02 TO 2x12	0.10mm MAX
2x13 TO 2x20	0.15mm MAX
2x21 TO 2x36	0.20mm MAX

NOTES:

- FOR 4+4-WAYS AND LESS, CAP LENGTH = 6.00mm.
- SEE M20-876XXXXR FOR TAPE & REELED VERSION, M20-876XXXX FOR STANDARD PRODUCT.
- CO-PLANARITY: FLATNESS OF SMT TAILS MUST NOT EXCEED VALUES GIVEN IN TABLE.
- ALL TOLERANCES ARE ±0.15 UNLESS OTHERWISE STATED.

ORDER CODE:

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

SB	9	01.08.12	11793
NAME	ISS.	DATE	C/NOTE
APPROVED:	S. BENNETT		
CHECKED:	S. FLOWER		
DRAWN:	A. J. FILLINGHAM		
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

www.harwin.com
technical@harwin.com

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.

TOLERANCES

~~X. = ±1mm~~
~~X.X = ±0.25mm~~
~~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 DIL SMT
PIN HEADER ASSEMBLY
WITH PICK & PLACE CAP

DRAWING NUMBER:

M20-876XXXXP

SHT
3
OF
3

Mouser Electronics

Authorized Distributor

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

Harwin:

M20-8762646P	M20-8762642P	M20-8762446P	M20-8762442P	M20-8761342P	M20-8761346P	M20-8761242P
M20-8761246P	M20-8761442P	M20-8761446P	M20-8761942P	M20-8761946P	M20-8762142P	M20-8762146P
M20-8760642P	M20-8760646P	M20-8760742P	M20-8760746P	M20-8763642P	M20-8763646P	M20-8761842P
M20-8761846P	M20-8760546P	M20-8760542P	M20-8762042P	M20-8762046P	M20-8763446P	M20-8763442P
M20-8760346P	M20-8760342P	M20-8763546P	M20-8763542P	M20-8760446P	M20-8760442P	M20-8761146P
M20-8761142P	M20-8760946P	M20-8760942P	M20-8762746P	M20-8762742P	M20-8761046P	M20-8761042P
M20-8760846P	M20-8760842P	M20-8762842P	M20-8762846P	M20-8761542P	M20-8761546P	M20-8763046P
M20-8763042P	M20-8761742P	M20-8761746P	M20-8761642P	M20-8761646P	M20-8762946P	M20-8762942P
M20-8762342P	M20-8762346P	M20-8762242P	M20-8762246P	M20-8763246P	M20-8763242P	M20-8763146P
M20-8763142P	M20-8760246P	M20-8760242P	M20-8763346P	M20-8763342P	M20-8762546P	M20-8762542P