

Customer Information Sheet

DRAWING No.: M20-876XXX

SHEET 2 OF 2

IF IN DOUBT - ASK

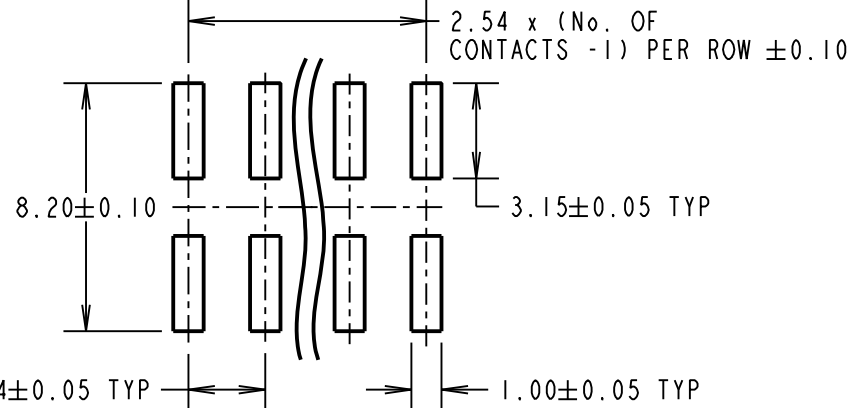
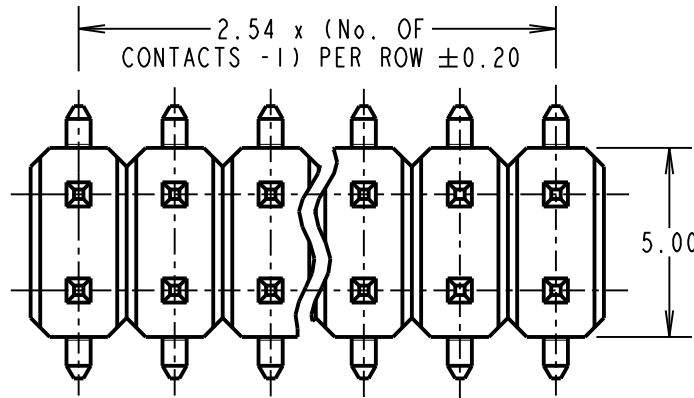
(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

RECOMMENDED PAD LAYOUT



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:
BAG
FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION COOIXX (LATEST ISSUE)

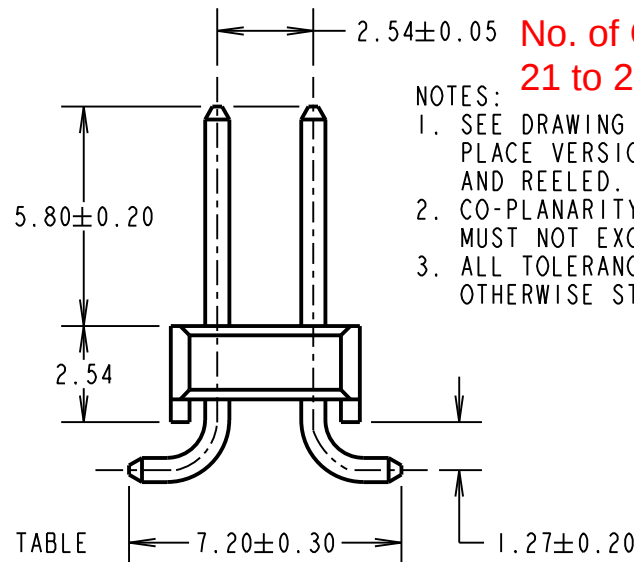
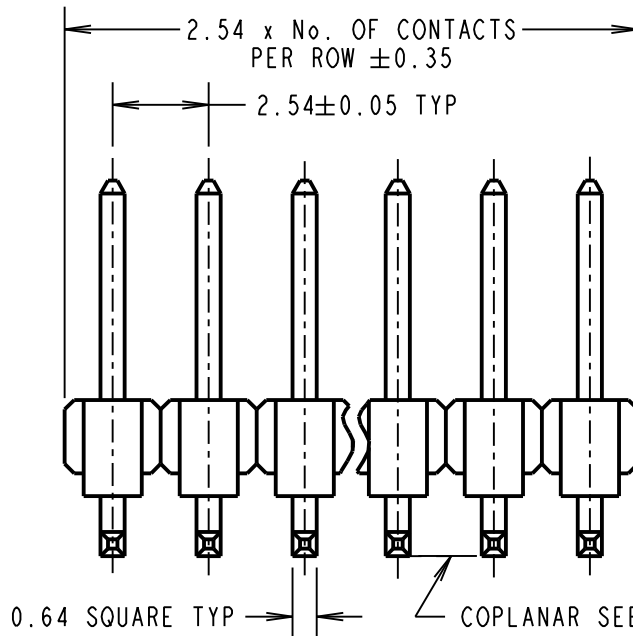
OBSOLETE

**No. of Contacts per Row:
21 to 24, 26 to 35**

NOTES:

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

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



ORDER CODE:

M20-876XXX

No. OF CONTACTS
PER ROW: _____
02 TO 36
FINISH: _____
42 = SELECTIVE GOLD + 100% TIN
46 = 100% TIN

SB	21	01.08.12	11793
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: M.PLESTED			
DRAWN: P. D. COLLINS			
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

DRAWING NUMBER:

M20-876XXX

SHT
2
OF
2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M20-8762646P](#) [M20-8762642P](#) [M20-8762446P](#) [M20-8762442P](#) [M20-8762942](#) [M20-8762946](#) [M20-8762146](#) [M20-8762142](#) [M20-8762342](#) [M20-8762346](#) [M20-8762742](#) [M20-8762746](#) [M20-8762642](#) [M20-8762646](#) [M20-8762142P](#) [M20-8762146P](#) [M20-8762242](#) [M20-8762246](#) [M20-8763642P](#) [M20-8762842](#) [M20-8762846](#) [M20-8763646P](#) [M20-8762442](#) [M20-8762446](#) [M20-8763446P](#) [M20-8763442P](#) [M20-8763242](#) [M20-8763246](#) [M20-8763042](#) [M20-8763046](#) [M20-8763546P](#) [M20-8763542P](#) [M20-8763446](#) [M20-8763442](#) [M20-8763342](#) [M20-8763346](#) [M20-8762746P](#) [M20-8762742P](#) [M20-8763546](#) [M20-8763542](#) [M20-8763142](#) [M20-8763146](#) [M20-8762842P](#) [M20-8762846P](#) [M20-8763046P](#) [M20-8763042P](#) [M20-8762946P](#) [M20-8762942P](#) [M20-8762242P](#) [M20-8762246P](#) [M20-8763246P](#) [M20-8763242P](#) [M20-8763146P](#) [M20-8763142P](#) [M20-8763346P](#) [M20-8763342P](#) [M20-8762546P](#) [M20-8762542P](#)