

Customer Information Sheet

DRAWING No.: M20-876XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

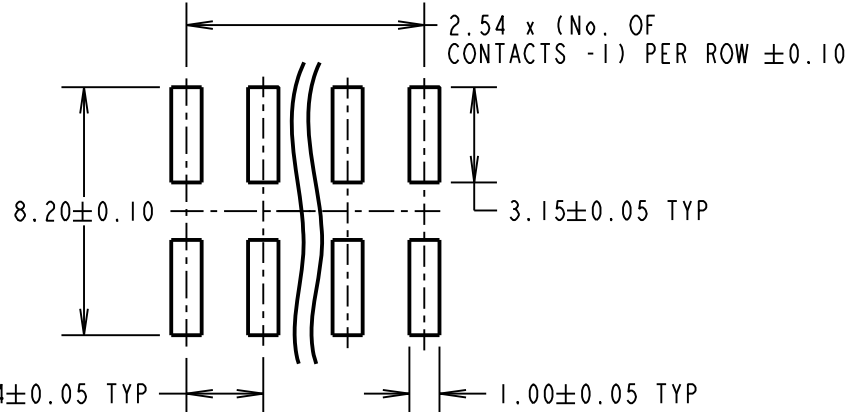
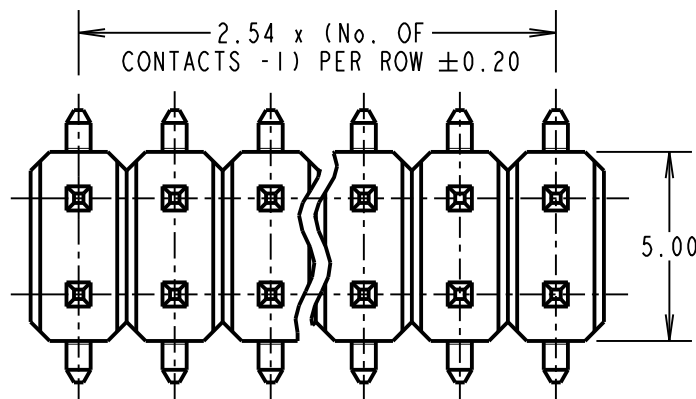
(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

RECOMMENDED PAD LAYOUT



SPECIFICATION:

MATERIAL:
MOULDING = NYLON 6T UL94V-0, BLACK
CONTACT = BRASS
FINISH:
42 = SELECTIVE GOLD ON CONTACT AREA,
100% TIN ON TAILS

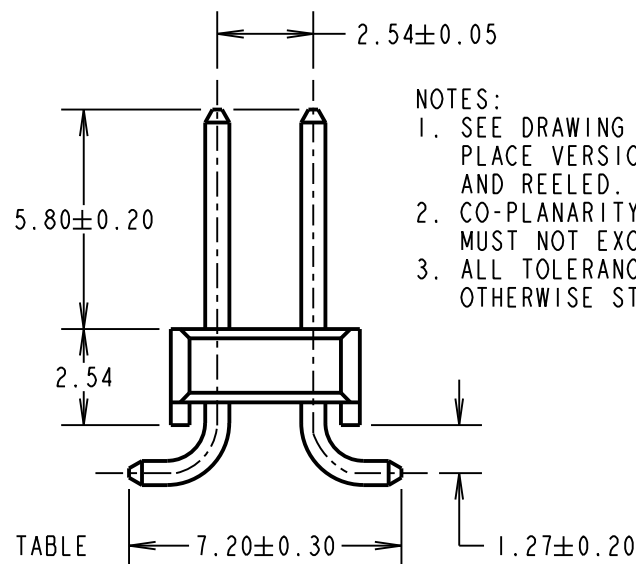
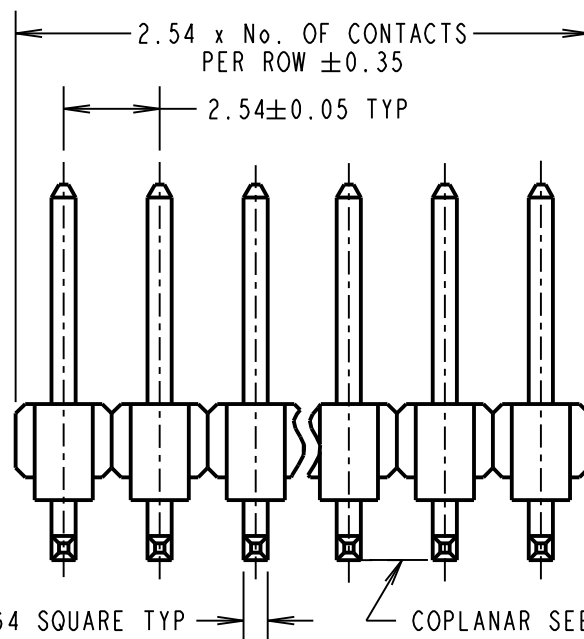
46 = 100% TIN
ELECTRICAL:
CURRENT RATING = 3A MAX
CONTACT RESISTANCE = 20 mΩ MAX
INSULATION RESISTANCE = 500 MΩ MIN
DIELECTRIC STRENGTH = 1000V AC
VOLTAGE RATING = 250V AC/DC

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)



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:

M20-876XXXX

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

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INFORMATION OR DESCRIPTIVE
MATTER SET OUT HEREON ARE
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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:

M20-876XXXX

SHT
2
OF
2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M20-8762942](#) [M20-8762946](#) [M20-8761742](#) [M20-8761746](#) [M20-8762146](#) [M20-8762142](#) [M20-8762542](#) [M20-8762546](#) [M20-8761346](#) [M20-8761342](#) [M20-8761146](#) [M20-8761142](#) [M20-8762342](#) [M20-8762346](#) [M20-8761946](#) [M20-8761942](#) [M20-8762742](#) [M20-8762746](#) [M20-8761546](#) [M20-8761542](#) [M20-8762642](#) [M20-8762646](#) [M20-8761446](#) [M20-8761442](#) [M20-8761046](#) [M20-8761042](#) [M20-8762242](#) [M20-8762246](#) [M20-8761846](#) [M20-8761842](#) [M20-8761642](#) [M20-8761646](#) [M20-8762842](#) [M20-8762846](#) [M20-8762046](#) [M20-8762042](#) [M20-8762442](#) [M20-8762446](#) [M20-8761246](#) [M20-8761242](#) [M20-8763646](#) [M20-8763642](#) [M20-8763242](#) [M20-8763246](#) [M20-8763042](#) [M20-8763046](#) [M20-8763446](#) [M20-8763442](#) [M20-8763342](#) [M20-8763346](#) [M20-8763546](#) [M20-8763542](#) [M20-8763142](#) [M20-8763146](#) [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](#)