

Customer Information Sheet

DRAWING No.: M20-876XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

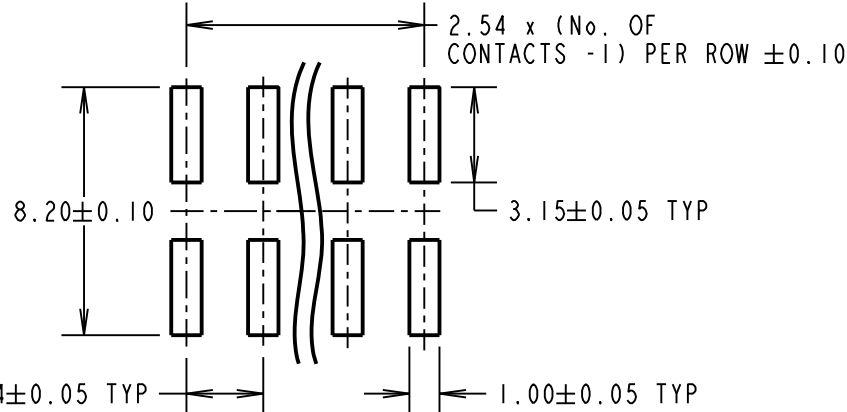
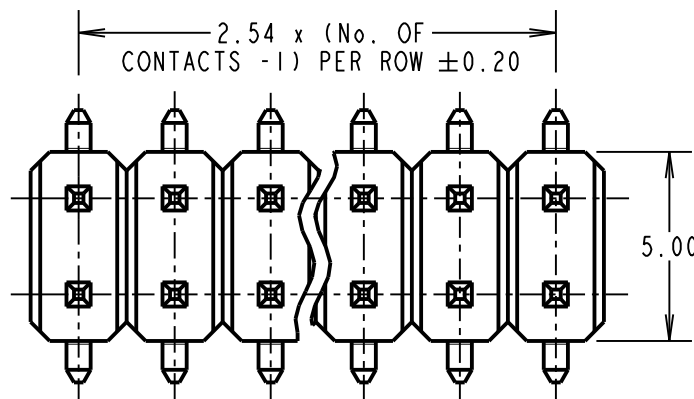
(C)

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:

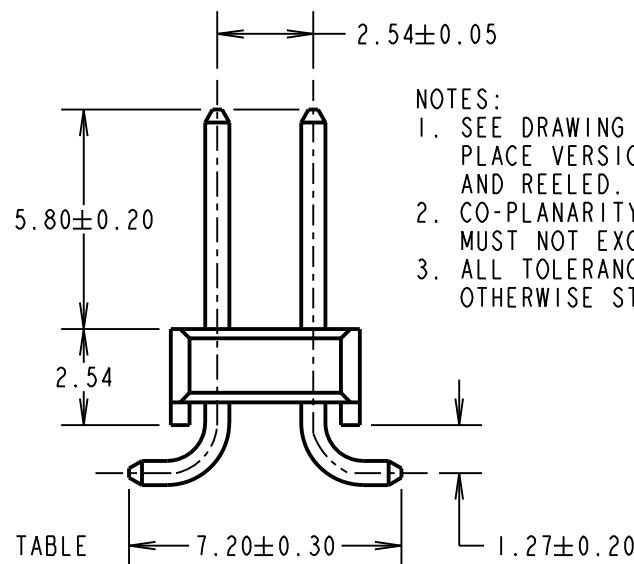
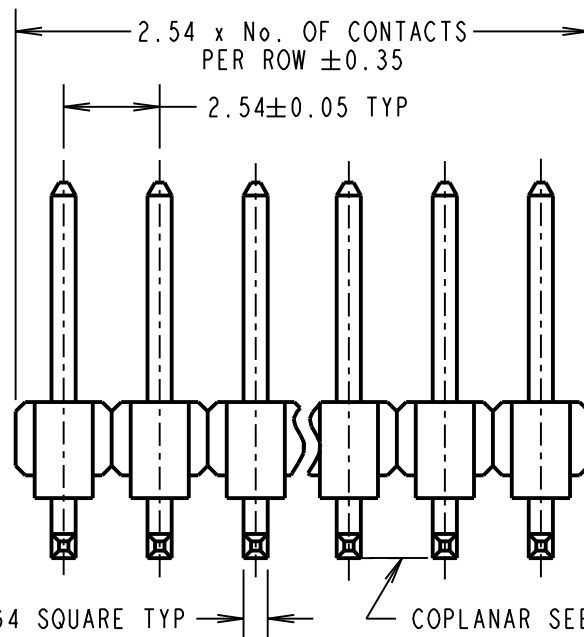
TEMPERATURE RANGE = -40°C TO +105°C

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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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
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OF
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