

Customer Information Sheet

DRAWING No.: M20-876XXXXP

SHEET 3 OF 3

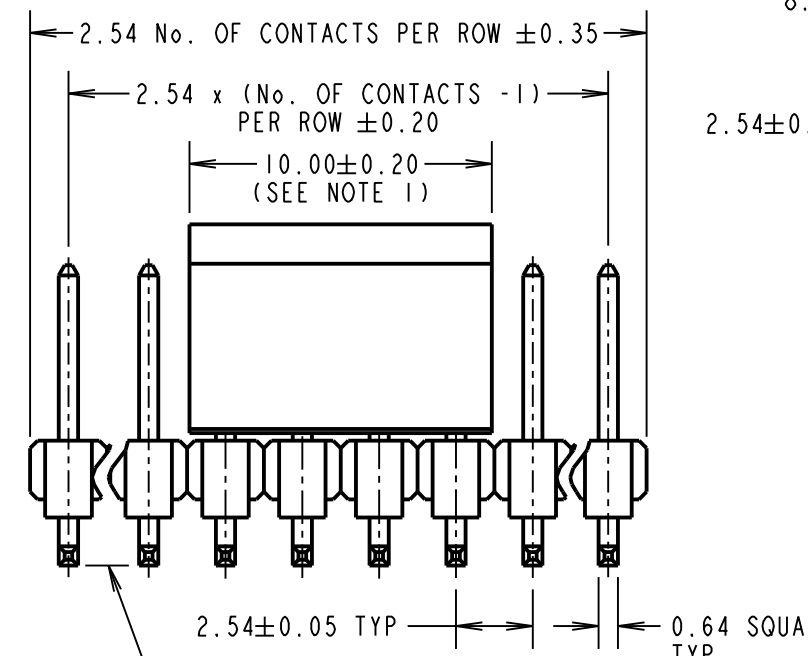
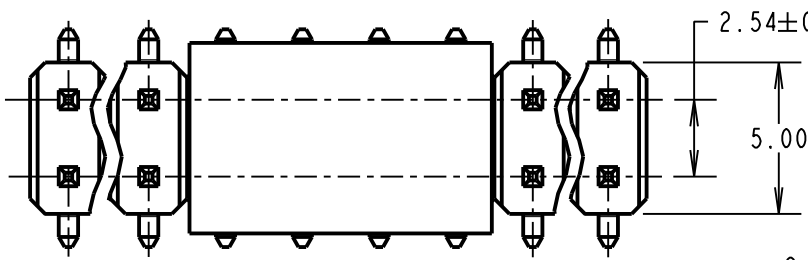
IF IN DOUBT - ASK

©

NOT TO SCALE

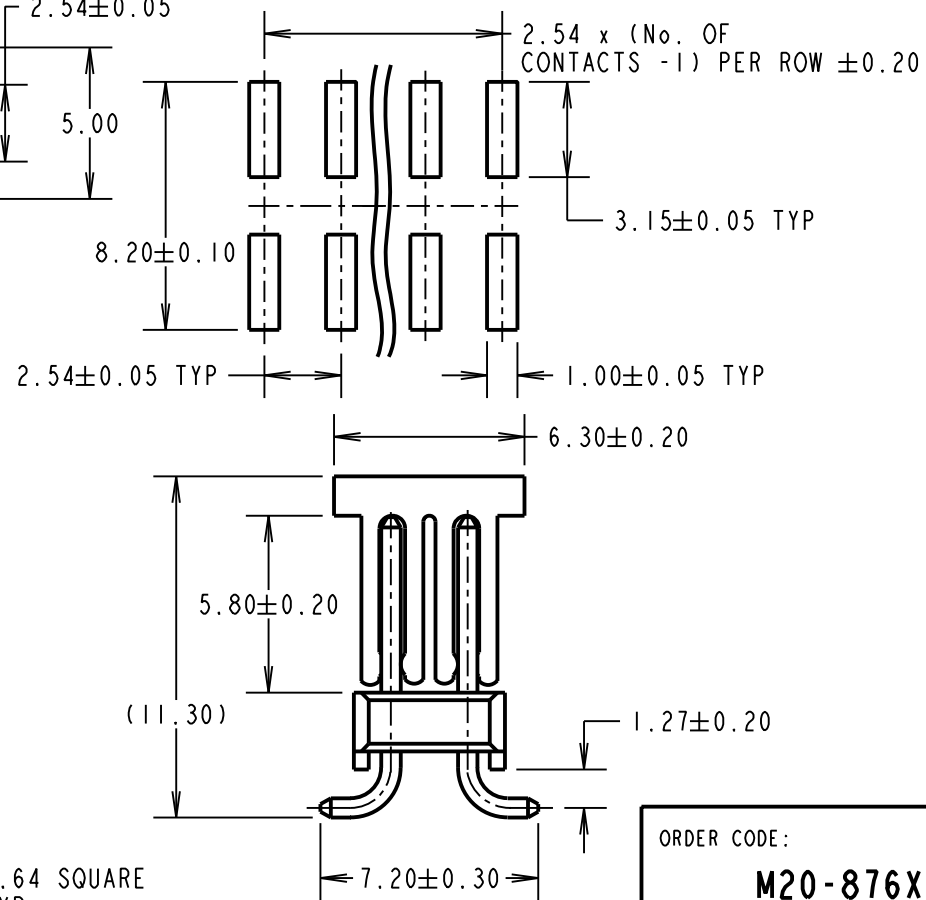
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



- 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.

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:
 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

ORDER CODE:
M20-876XXXXP
 No. OF CONTACTS PER ROW: _____
 02 TO 36
 FINISH: _____
 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:			



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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 WITH PICK & PLACE CAP
 DRAWING NUMBER: **M20-876XXXXP**
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