

Customer Information Sheet

DRAWING No.: M20-876XXXXP

SHEET 2 OF 2

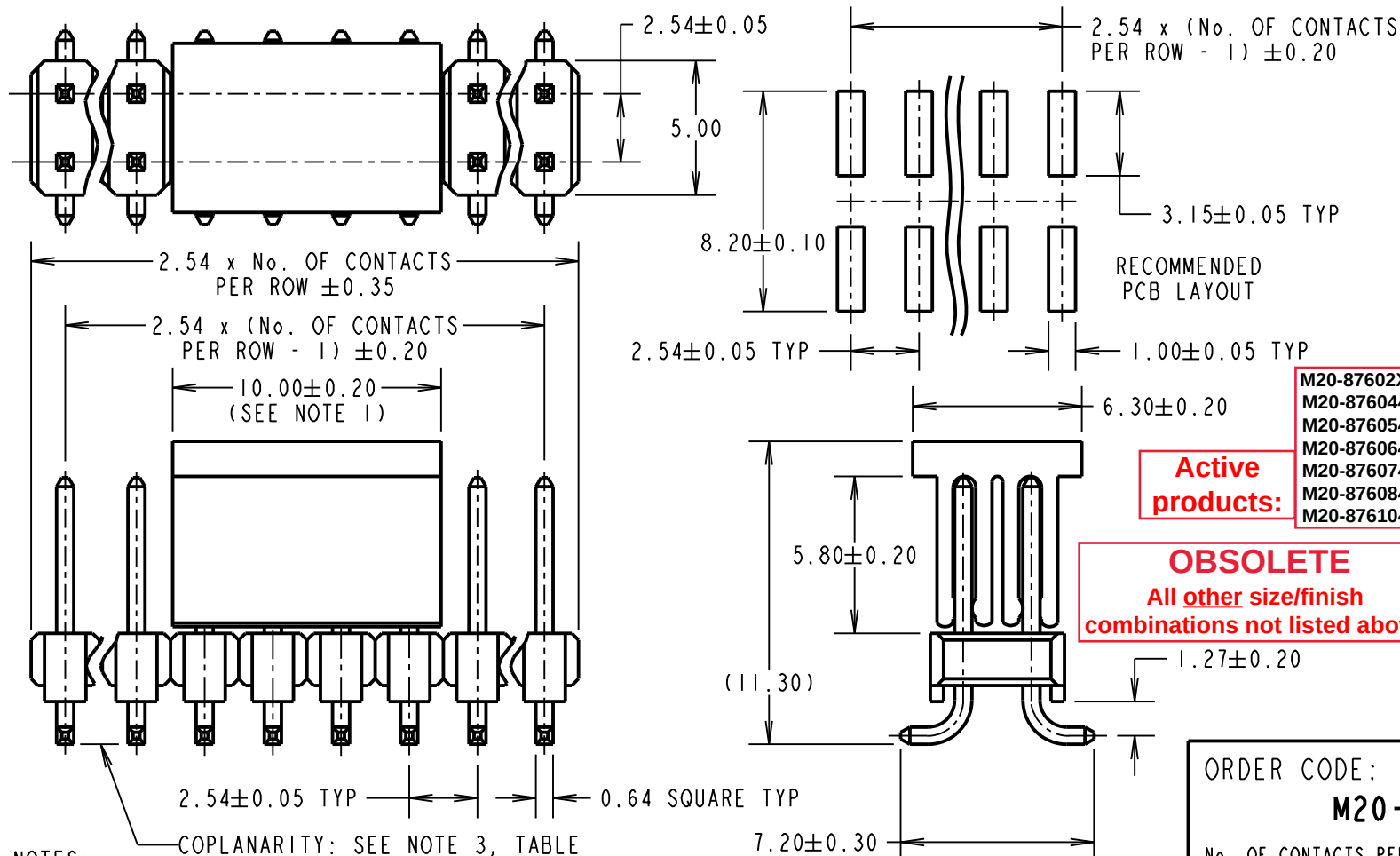
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

**SPECIFICATION:**

MATERIAL:
MOULDING = PA6T UL94V-0, BLACK
CONTACT = BRASS
FINISH (OVER NICKEL):
42 = SELECTIVE GOLD ON CONTACT AREA,
100% TIN ON TAILS
46 = 100% TIN
ELECTRICAL:
CURRENT RATING = 3A MAX
CONTACT RESISTANCE = 20mΩ MAX
INSULATION RESISTANCE = 500MΩ 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)

M20-87602XXP
M20-8760442P
M20-8760542P
M20-8760642P
M20-8760742P
M20-8760842P
M20-8761042P

**Active
products:**

OBSOLETE
All other size/finish
combinations not listed above

No. OF CONTACTS PER ROW	COPLANARITY TOLERANCE
02 TO 12	0.10mm MAX
13 TO 20	0.15mm MAX
23	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 WILL NOT EXCEED VALUES GIVEN IN TABLE.
- ALL TOLERANCES ARE ±0.15 UNLESS OTHERWISE STATED.

ORDER CODE:

M20-876XXXXP

No. OF CONTACTS PER ROW:
02 TO 20, 23

FINISH:
42 = SELECTIVE GOLD + 100% TIN
46 = 100% TIN

WJP	10	01.08.17	20398
NAME	ISS.	DATE	C/NOTE
APPROVED:	W. J. PRESTON		
CHECKED:	S. BENNETT		
DRAWN:	A. J. FILLINGHAM		
CUSTOMER REF.:			
ASSEMBLY DRG:			

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OTHER PURPOSE WITHOUT
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TOLERANCES

~~X. = ±1mm~~
~~X.X = ±0.50mm~~
~~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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