

# Customer Information Sheet

DRAWING No.: M20-876XXXXP

SHEET 2 OF 2

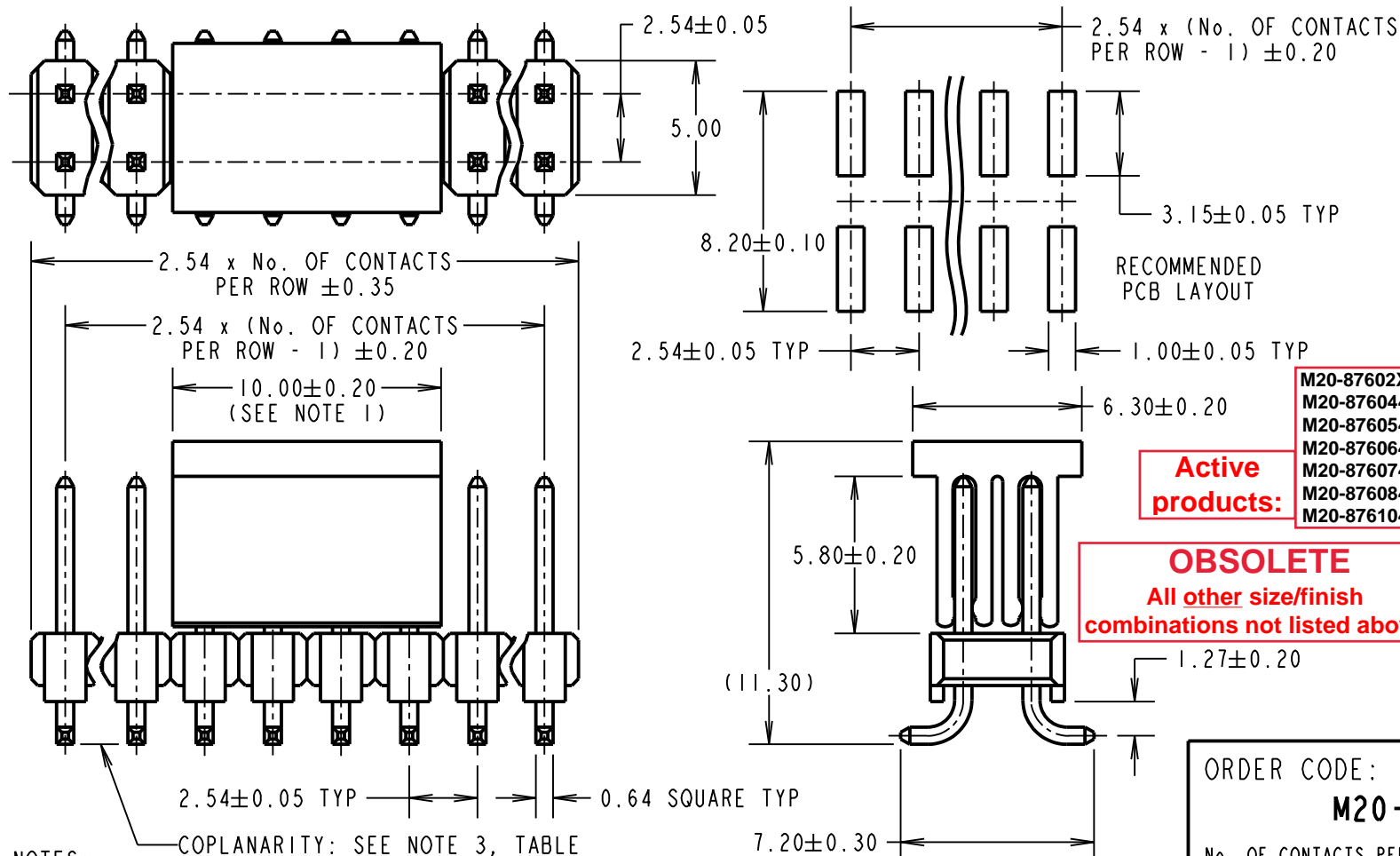
IF IN DOUBT - ASK

(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:			

**HARWIN**

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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: mm<sup>2</sup>

**TITLE:** 2.54mm PITCH DIL SMT  
 PIN HEADER ASSEMBLY  
 WITH PICK & PLACE CAP

**DRAWING NUMBER:**

**M20-876XXXXP**

SHT  
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 OF 2

# Mouser Electronics

Authorized Distributor

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

Harwin:

<a href="#">M20-8761342P</a>	<a href="#">M20-8761346P</a>	<a href="#">M20-8761242P</a>	<a href="#">M20-8761246P</a>	<a href="#">M20-8761442P</a>	<a href="#">M20-8761446P</a>	<a href="#">M20-8761942P</a>
<a href="#">M20-8761946P</a>	<a href="#">M20-8760642P</a>	<a href="#">M20-8760646P</a>	<a href="#">M20-8760742P</a>	<a href="#">M20-8760746P</a>	<a href="#">M20-8761842P</a>	<a href="#">M20-8761846P</a>
<a href="#">M20-8760546P</a>	<a href="#">M20-8760542P</a>	<a href="#">M20-8762042P</a>	<a href="#">M20-8762046P</a>	<a href="#">M20-8760346P</a>	<a href="#">M20-8760342P</a>	<a href="#">M20-8760446P</a>
<a href="#">M20-8760442P</a>	<a href="#">M20-8761146P</a>	<a href="#">M20-8761142P</a>	<a href="#">M20-8760946P</a>	<a href="#">M20-8760942P</a>	<a href="#">M20-8761046P</a>	<a href="#">M20-8761042P</a>
<a href="#">M20-8760846P</a>	<a href="#">M20-8760842P</a>	<a href="#">M20-8761542P</a>	<a href="#">M20-8761546P</a>	<a href="#">M20-8761742P</a>	<a href="#">M20-8761746P</a>	<a href="#">M20-8761642P</a>
<a href="#">M20-8761646P</a>	<a href="#">M20-8762342P</a>	<a href="#">M20-8762346P</a>	<a href="#">M20-8760246P</a>	<a href="#">M20-8760242P</a>	<a href="#">M20-8763246R</a>	<a href="#">M20-8760642R</a>