

# Customer Information Sheet

DRAWING No.: M20-875XX42X

SHEET 3 OF 4

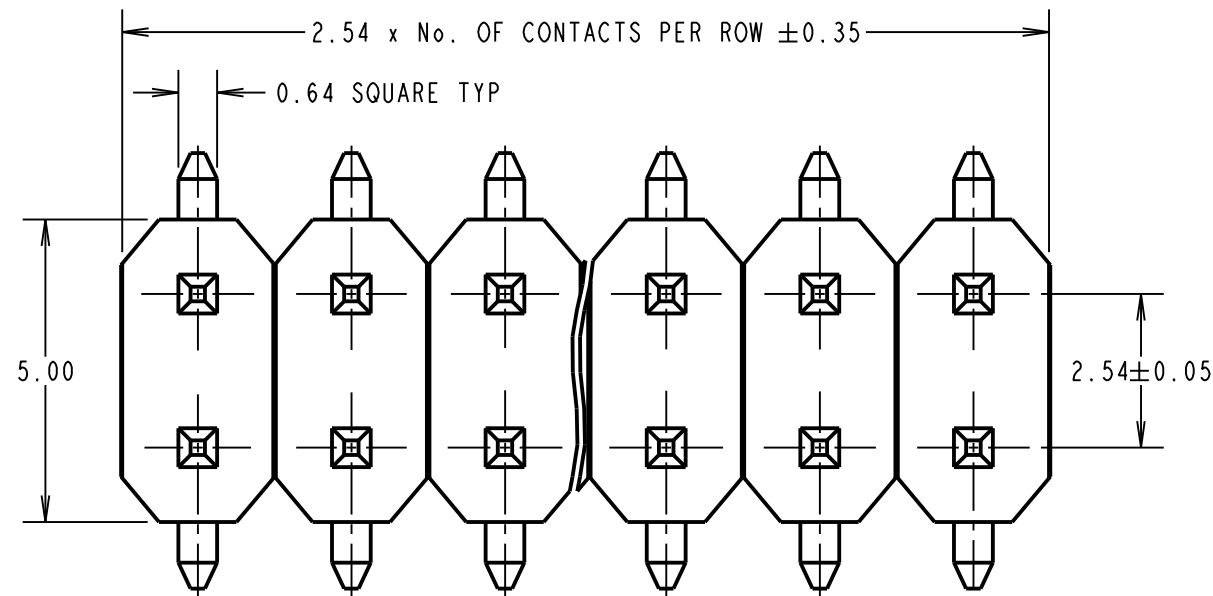
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



ORDER CODE:

**M20-875XX42X**

No. OF CONTACTS PER ROW:  
02-08, 10

PACKING:  
BLANK = TUBE  
R = TAPE AND REEL (SHEET 4)

## SPECIFICATIONS:

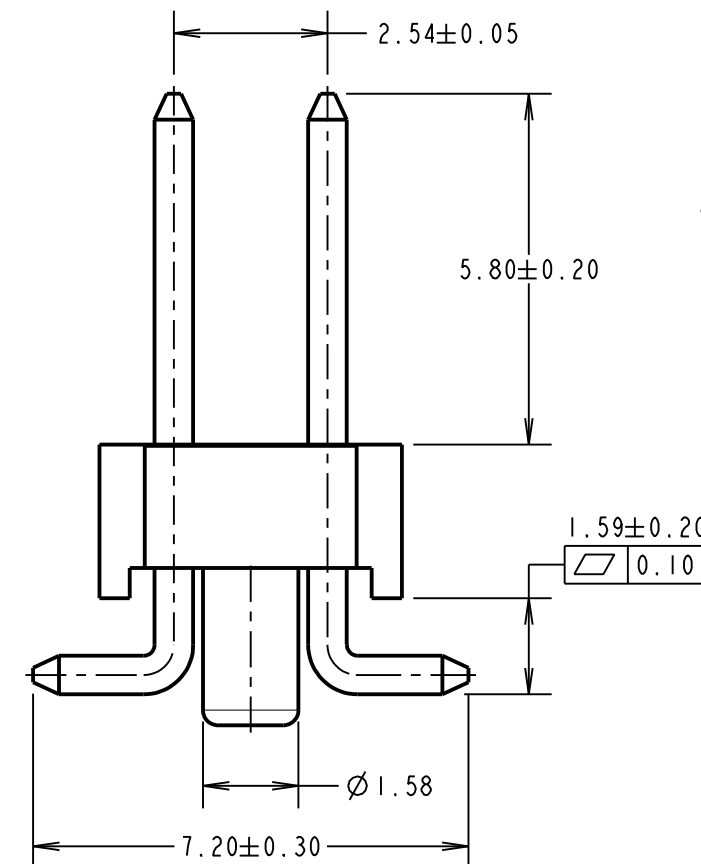
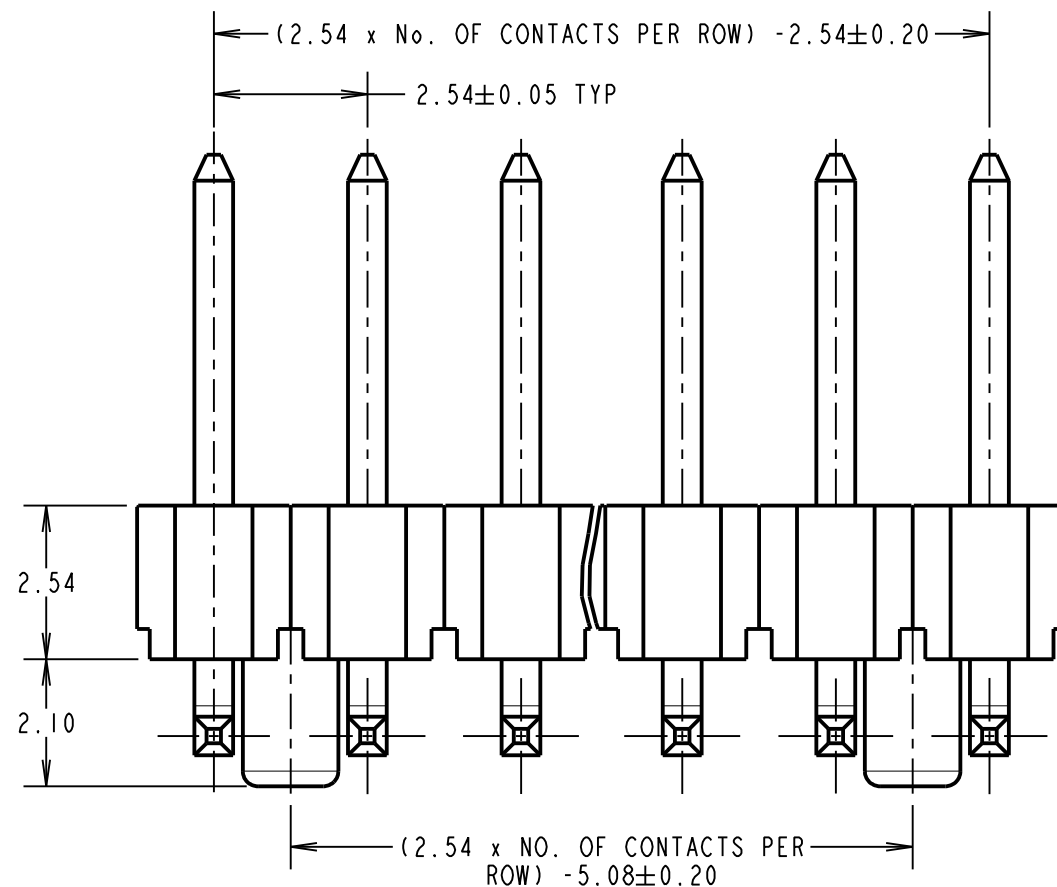
MATERIAL:  
MOULD = GLASS FILLED PA6T, UL94V-0  
CONTACTS = BRASS

FINISH:  
0.76-1.27µ NICKEL ALL OVER,  
0.02-0.025µ GOLD ON CONTACT AREA,  
2.54µ TIN ON TAILS

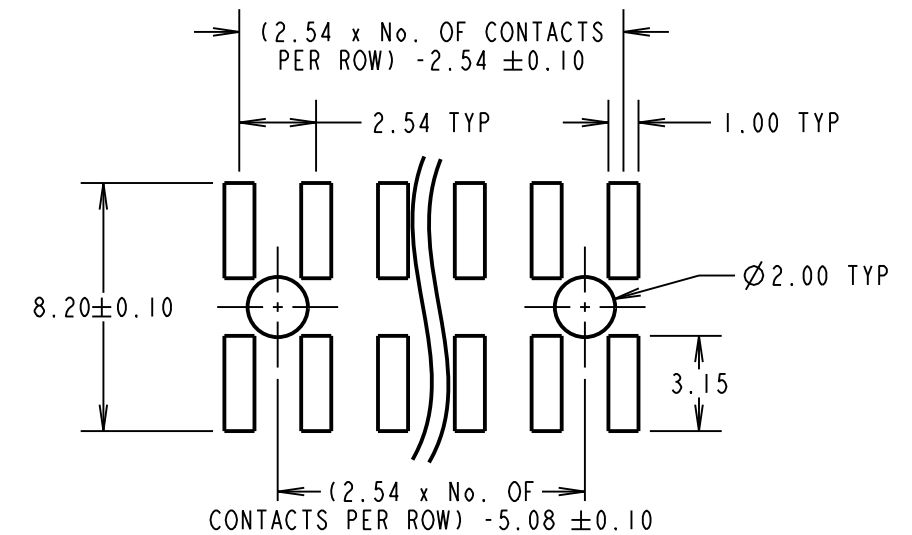
ELECTRICAL:  
CURRENT RATING = 3A  
CONTACT RESISTANCE = 20mΩ MAX  
INSULATION RESISTANCE = 1000MΩ MIN  
VOLTAGE PROOF = 500V AC FOR ONE MINUTE

MECHANICAL:  
DURABILITY = 300 CYCLES MAX

ENVIRONMENTAL:  
OPERATING TEMPERATURE = -40°C TO +105°C



## RECOMMENDED PCB LAYOUT (TOLERANCE = ±0.05)



- NOTES:
- FOR TAPE AND REEL DETAILS, SEE SHEET 4.
  - ALL TOLERANCES ARE ±0.15mm, UNLESS OTHERWISE STATED.

**HARWIN**

www.harwin.com  
technical@harwin.com

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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 PIN HEADER DIL  
VERTICAL SMT TAPE & REEL

DRAWING NUMBER:

**M20-875XX42X**

MSP	I	09.05.16	-----
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		S.BENNETT	
DRAWN:		M.PERREN	
CUSTOMER REF.:			
ASSEMBLY DRG:			

SHT  
3  
OF  
4

# Customer Information Sheet

DRAWING No.: M20-875XX42X

SHEET 4 OF 4

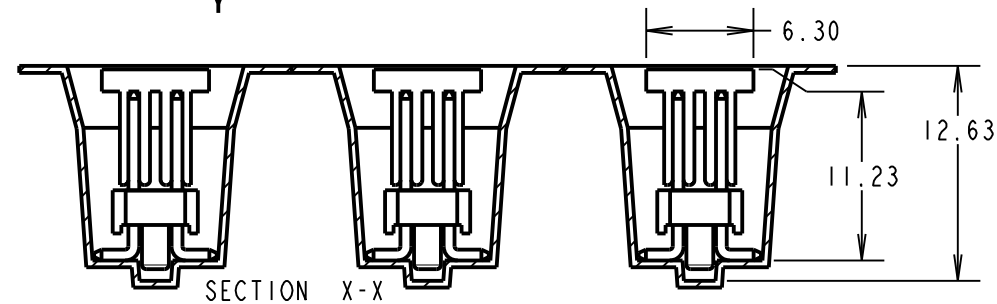
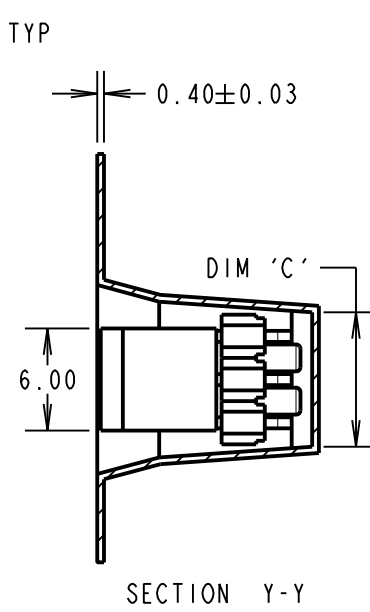
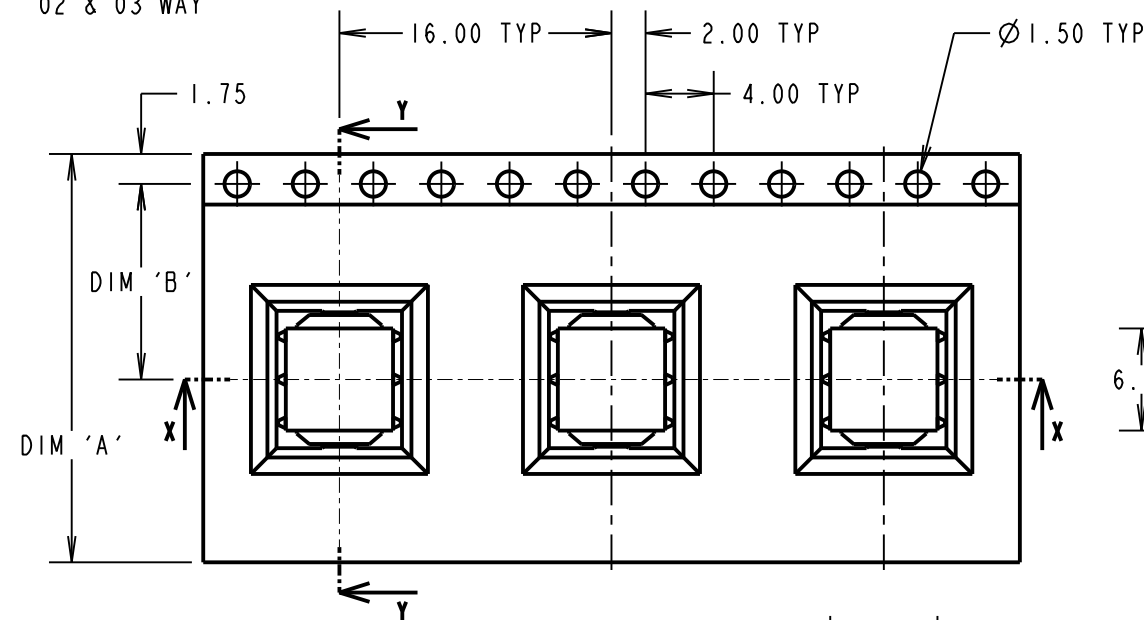
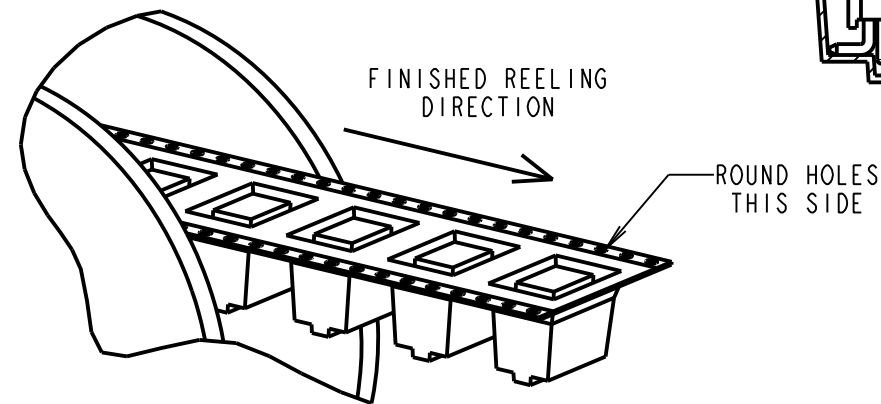
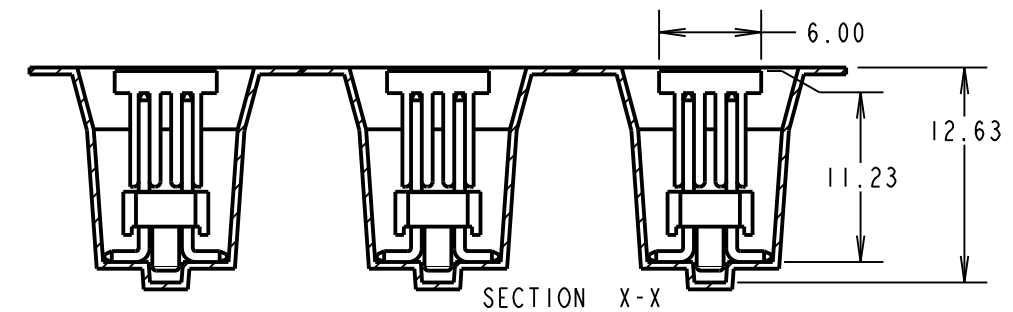
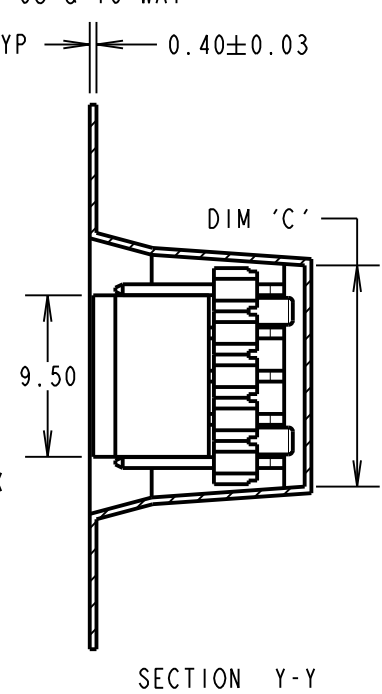
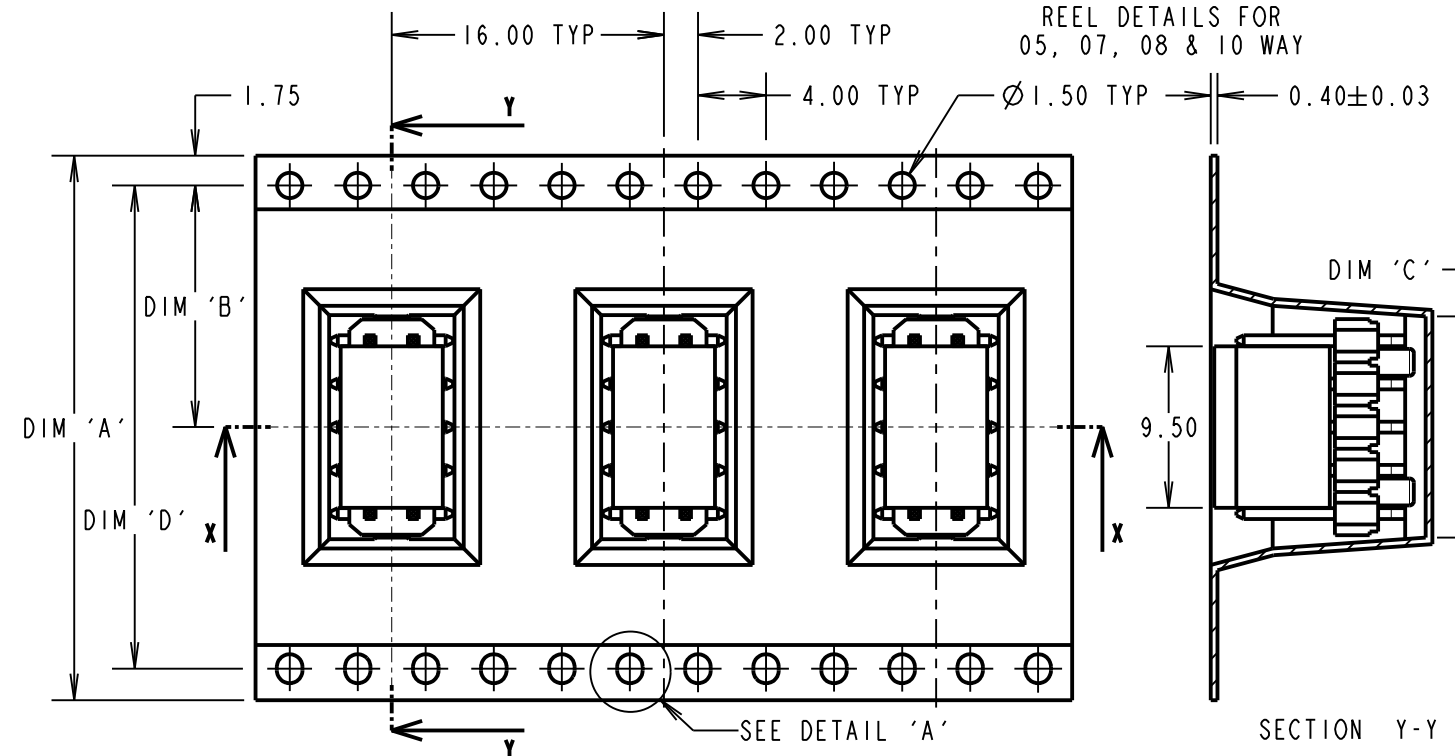
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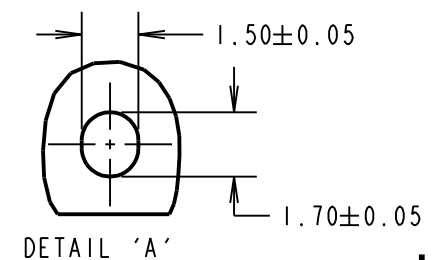
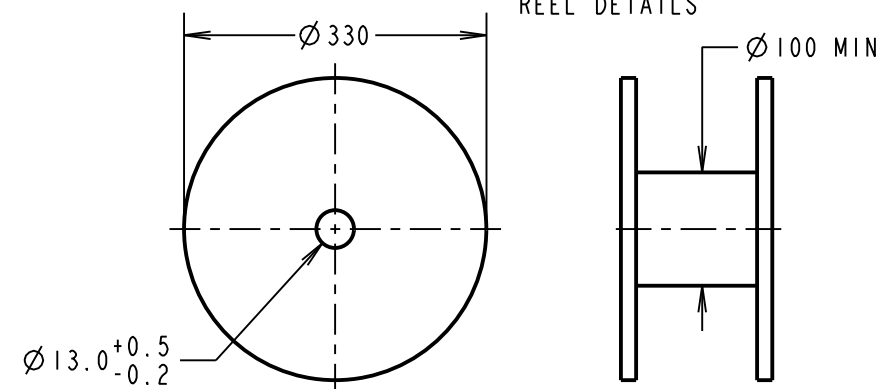
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

TAPE DETAILS FOR  
02 & 03 WAYREEL DETAILS FOR  
05, 07, 08 & 10 WAY

REEL DETAILS



PART No.	DIMENSION				REEL QUANTITY
	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	
M20-8750245R	24.00±0.30	11.50±0.30	5.50	N/A	300
M20-8750345R			7.90		
M20-8750545R	32.00±0.30	14.20±0.30	13.00	28.40	
M20-8750745R	44.00±0.30	20.20±0.30	18.10	40.40	
M20-8750842R			20.70		
M20-8751042R	56.00±0.30	26.20±0.30	25.80	52.40	

ORDER CODE:

**M20-875XX42X**No. OF CONTACTS PER ROW:  
02, 03, 05, 07, 08, 10

PACKING:

BLANK = TUBE (SHEET 3)  
R = TAPE AND REEL

MSP	I	09.05.16	----
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		S.BENNETT	
DRAWN:		M.PERREN	
CUSTOMER REF.:			
ASSEMBLY DRG:			

## NOTES:

- FOR CONNECTOR DETAILS AND SPECIFICATIONS SEE SHEET 3.
- PRODUCT IS TAPE AND REELED IN GENERAL ACCORDANCE WITH EIA-481 (ELECTRAL INDUSTRIES ASSOCIATION).

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X.XXX = ±0.01mm  
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UNLESS STATED

## MATERIAL:

SEE ABOVE

## FINISH:

SEE ABOVE

## S/AREA:

mm<sup>2</sup>

## TITLE:

2.54mm PIN HEADER DIL  
VERTICAL SMT TAPE & REEL

## DRAWING NUMBER:

**M20-875XX42X**SHT  
4 OF 4

# Mouser Electronics

Authorized Distributor

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