

Customer Information Sheet

DRAWING No.: M20-875XX42X

SHEET 3 OF 4

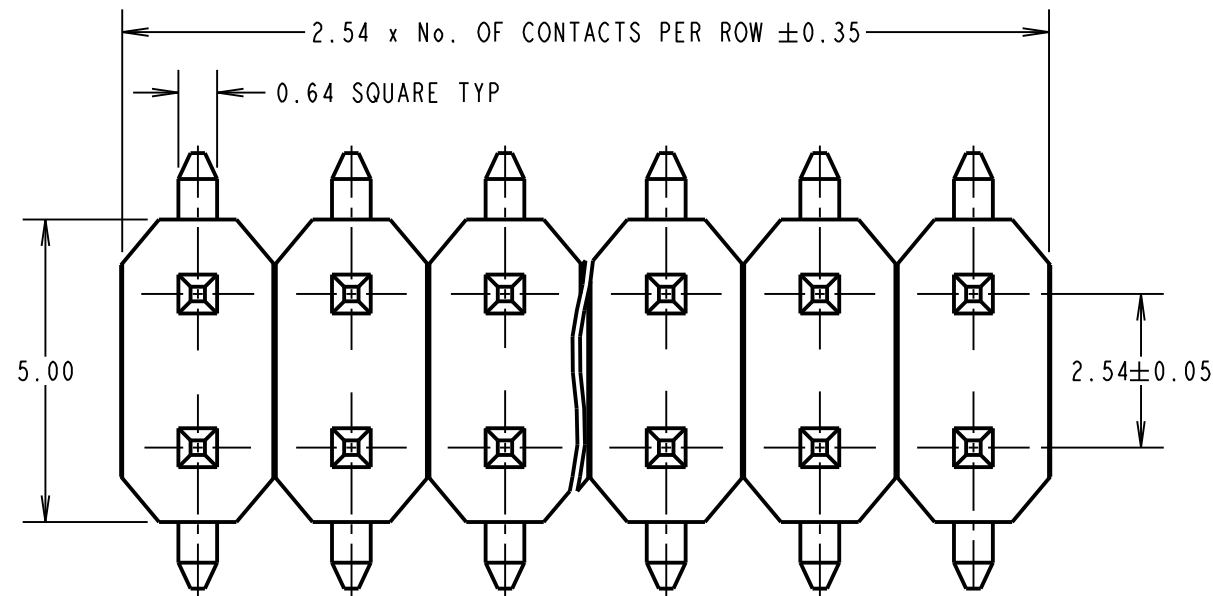
IF IN DOUBT - ASK

©

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:

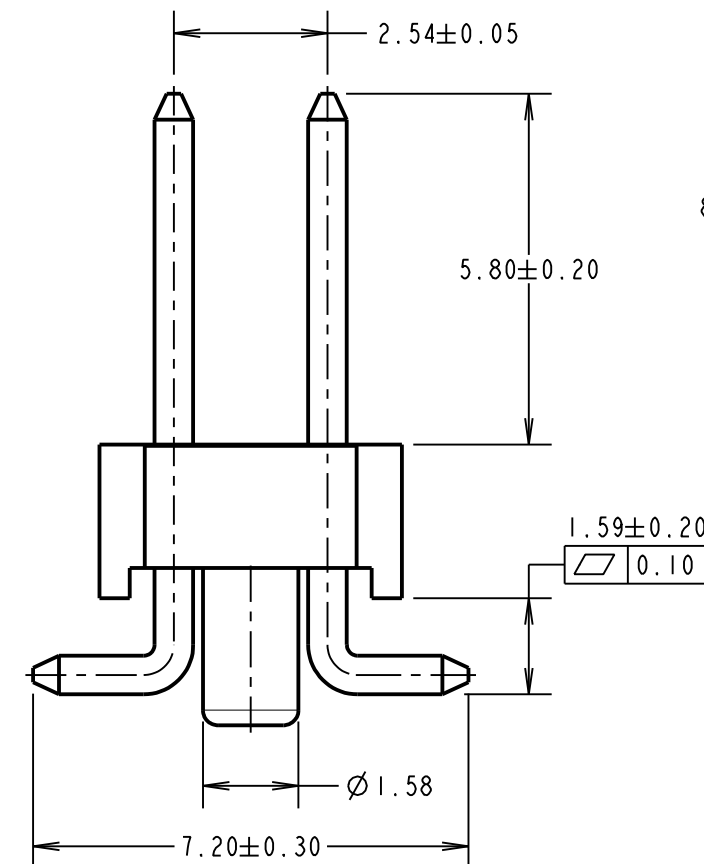
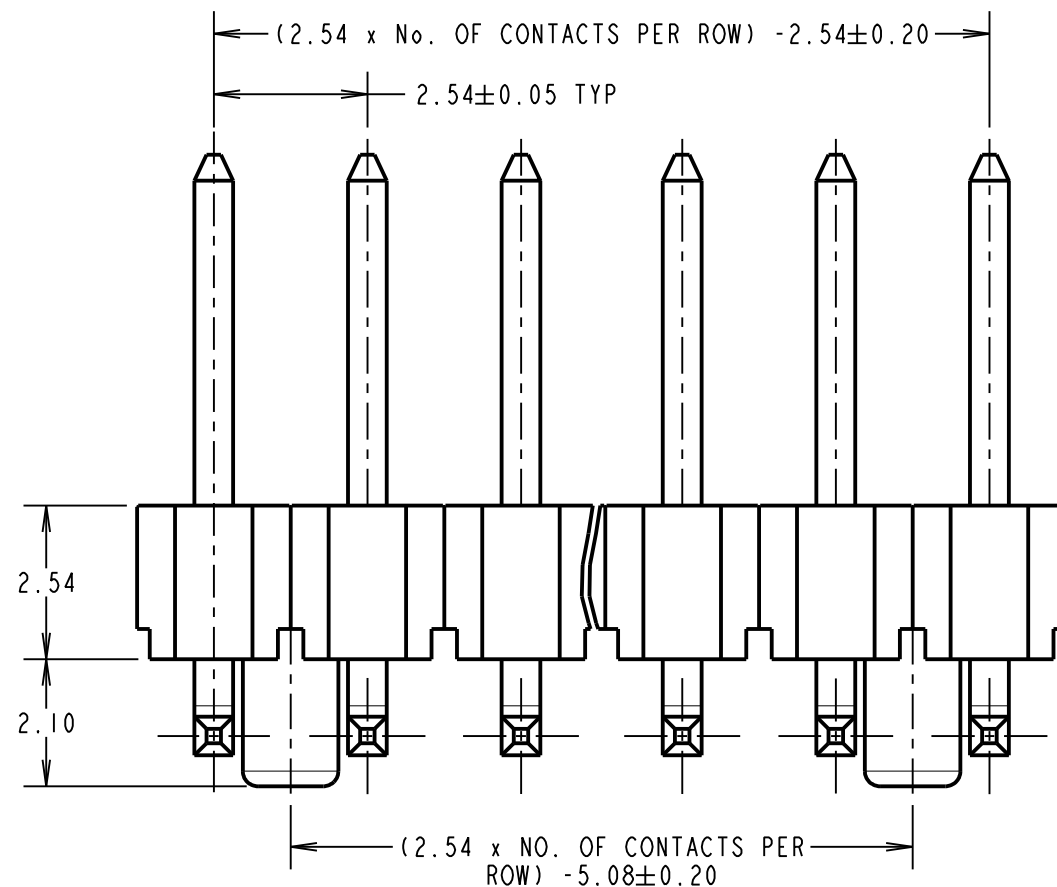
MATERIAL:
MOULD = GLASS FILLED PA6T, UL94V-0
CONTACTS = BRASS

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

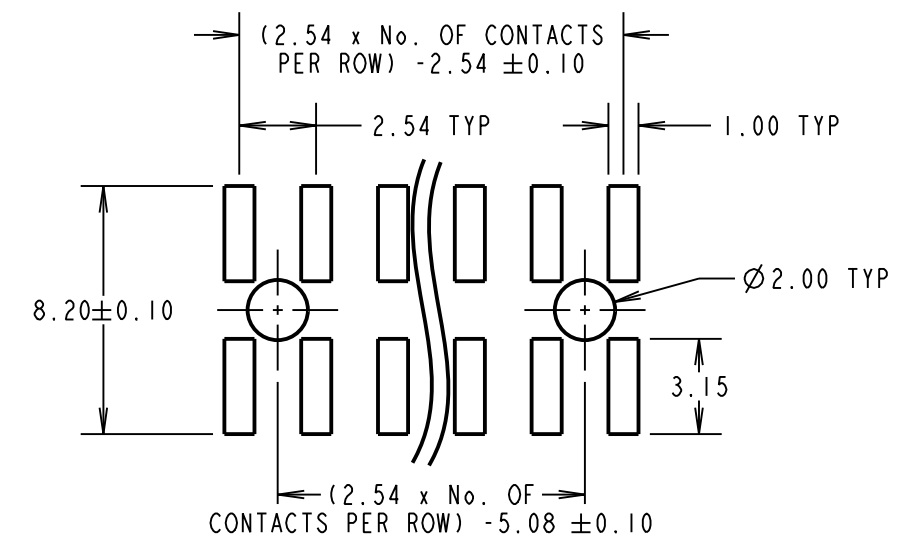
ELECTRICAL:
CURRENT RATING = 3A
CONTACT RESISTANCE = 20mΩ MAX
INSULATION RESISTANCE = 1000MΩ MIN
VOLTAGE PROOF = 500V AC FOR ONE MINUTE

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

THIS DRAWING AND ANY
INFORMATION OR DESCRIPTIVE
MATTER SET OUT HEREON ARE
CONFIDENTIAL AND COPYRIGHT
PROPERTY OF THE HARWIN
GROUP AND MUST NOT BE
DISCLOSED, LOANED, COPIED
OR USED FOR MANUFACTURING,
TENDERING OR FOR ANY
OTHER PURPOSE WITHOUT
THEIR WRITTEN PERMISSION.

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 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

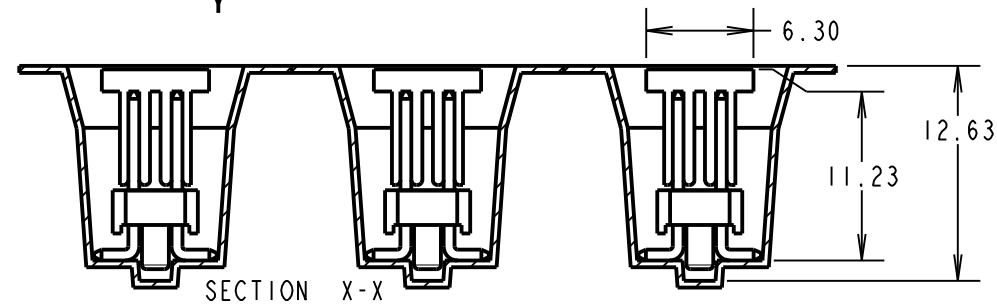
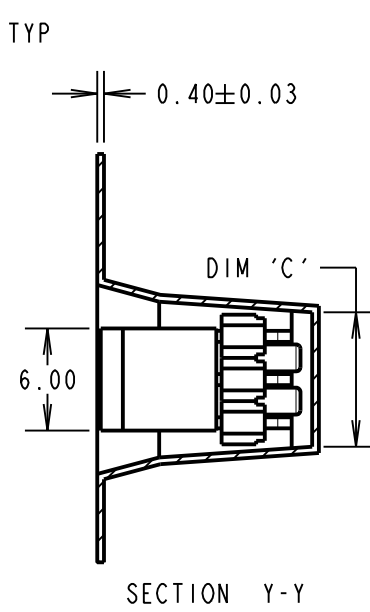
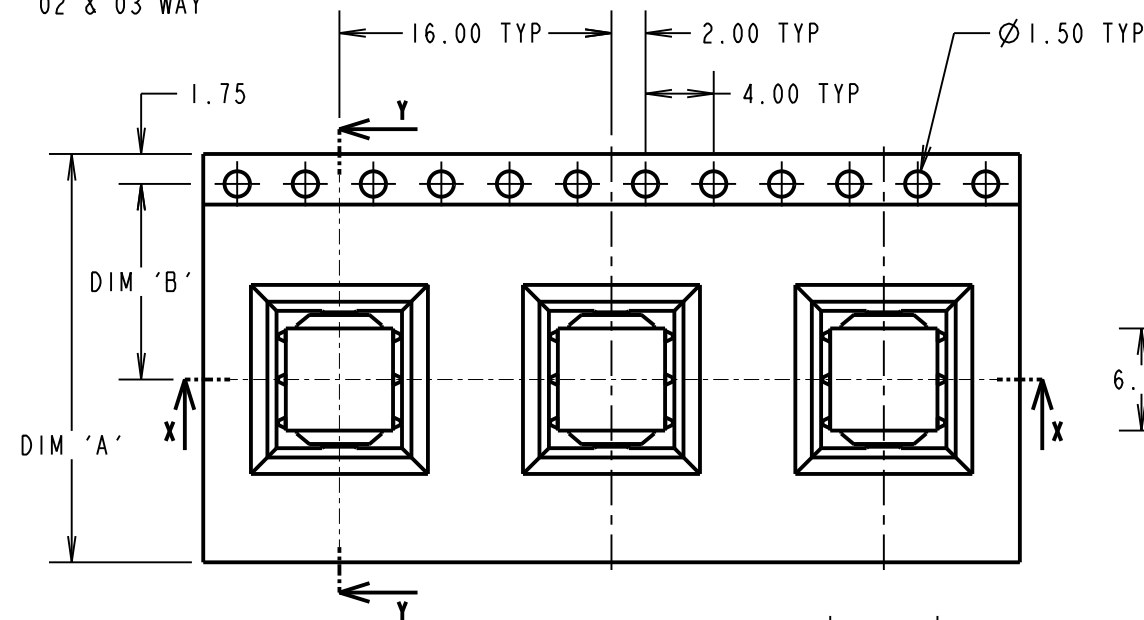
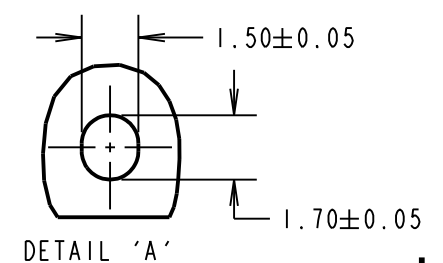
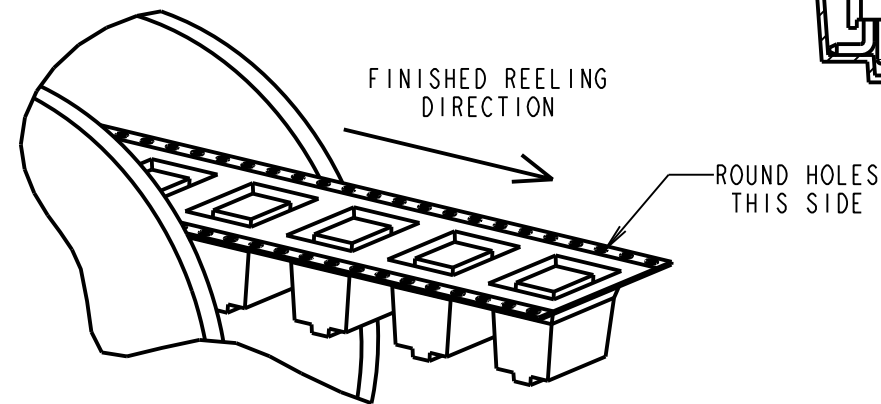
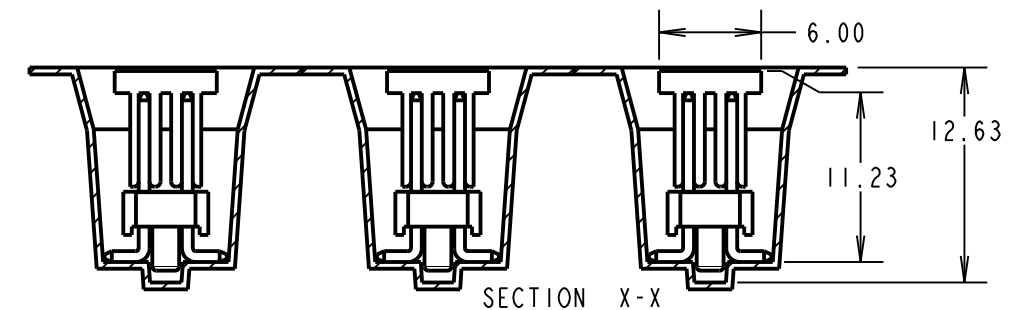
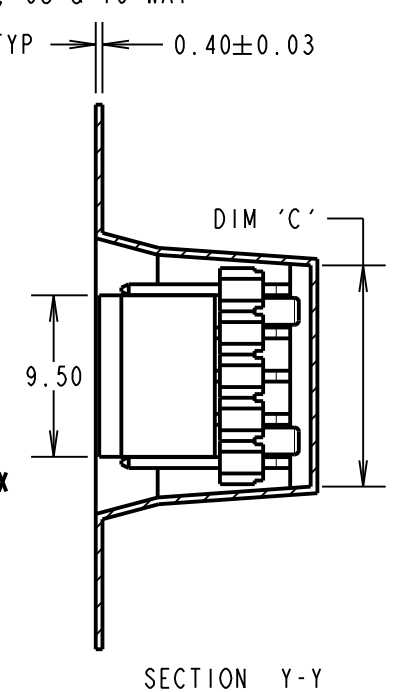
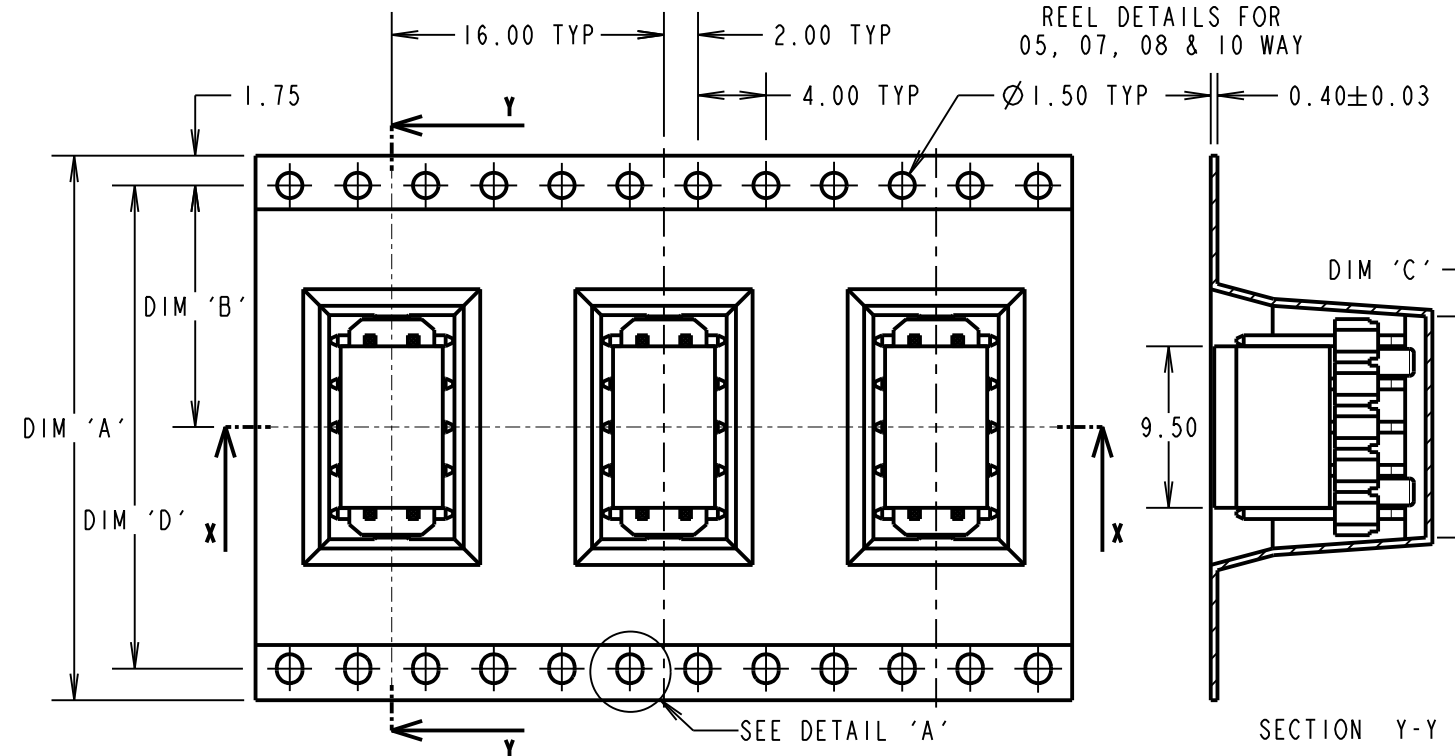
IF IN DOUBT - ASK

©

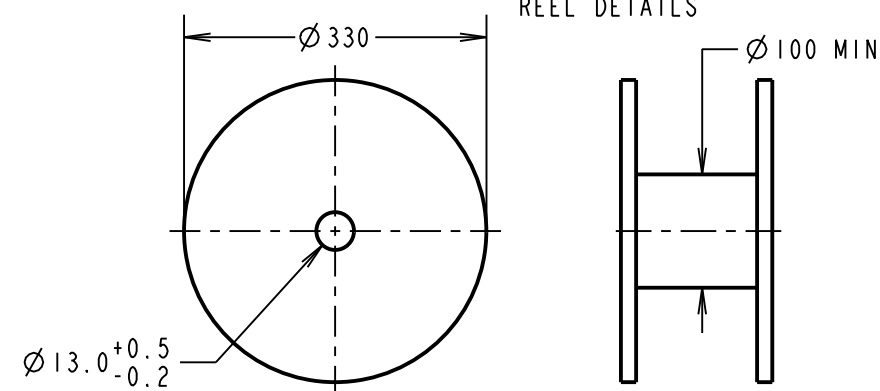
NOT TO SCALE

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:

M20-875XX42XNo. OF CONTACTS PER ROW:
02, 03, 05, 07, 08, 10PACKING:
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).

HARWINwww.harwin.com
technical@harwin.comTHIS DRAWING AND ANY
INFORMATION OR DESCRIPTIVE
MATTER SET OUT HEREON ARE
CONFIDENTIAL AND COPYRIGHT
PROPERTY OF THE HARWIN
GROUP AND MUST NOT BE
DISCLOSED, LOANED, COPIED
OR USED FOR MANUFACTURING,
TENDERING OR FOR ANY
OTHER PURPOSE WITHOUT
THEIR WRITTEN PERMISSION.

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 PIN HEADER DIL
VERTICAL SMT TAPE & REEL

DRAWING NUMBER:

M20-875XX42XSHT
4 OF 4