

Customer Information Sheet

DRAWING No.: M20-889XX45R

SHEET 3 OF 4

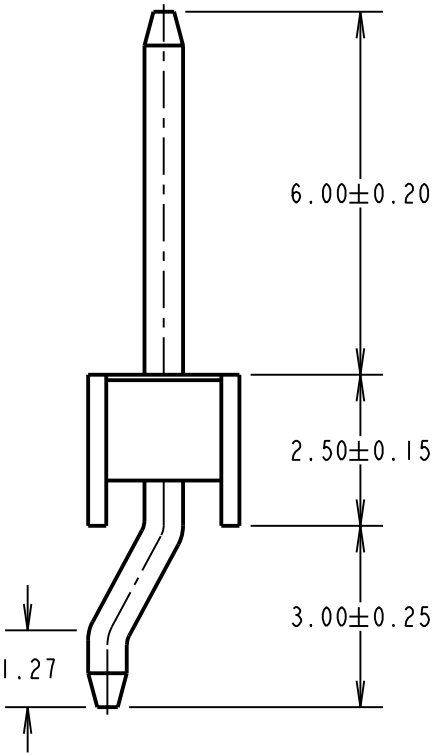
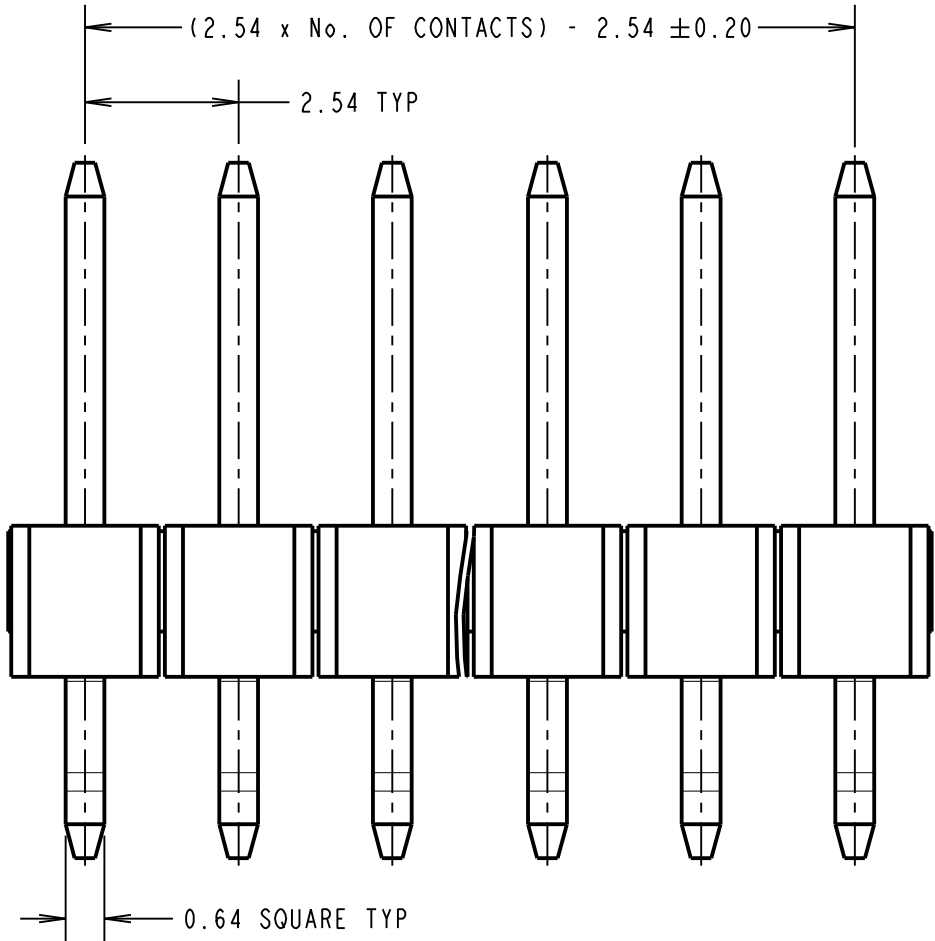
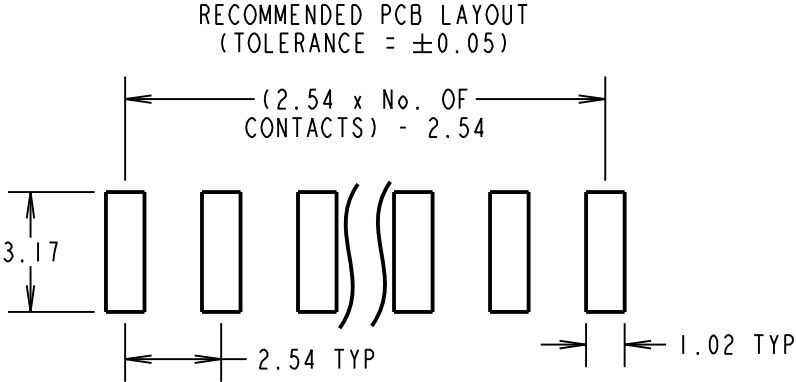
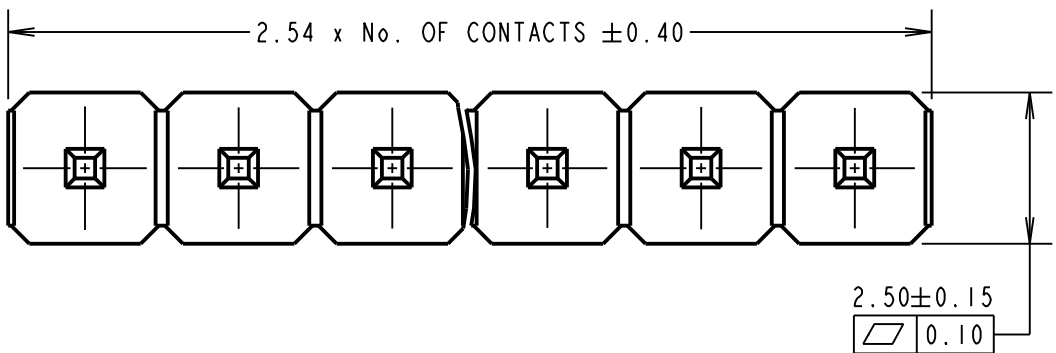
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:
MATERIAL:
CONTACT = BRASS
MOULDING = GLASS FILLED PA9T, UL94V-0
FINISH:
0.015µ GOLD OVER 0.76-2.03µ NICKEL
ELECTRICAL:
CURRENT RATING = 3A
CONTACT RESISTANCE = 20mΩ MAX
INSULATION RESISTANCE = 1000MΩ MIN
VOLTAGE PROOF = 1000V AC FOR ONE MINUTE
MECHANICAL:
DURABILITY = 300 CYCLES MIN
ENVIORNMENTAL:
OPERATING TEMPERATURE = -40°C TO +105°C

NOTES:
1. ALL TOLERANCES ARE ±0.25, UNLESS OTHERWISE STATED.
2. FOR TAPE AND REEL DETAILS, SEE SHEET 4.

ORDER CODE:
M20-889XX45X
No. OF CONTACTS: _____
02-06, 08 & 10
PACKING: _____
BLANK = TUBE
R = TAPE AND REEL (SHEET 4)

MSP	I	18.05.16	----
NAME	ISS.	DATE	C/NOTE
APPROVED: M.PERREN			
CHECKED: S.BENNETT			
DRAWN: M.PERREN			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

www.harwin.com
technical@harwin.com

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MATTER SET OUT HEREON ARE
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GROUP AND MUST NOT BE
DISCLOSED, LOANED, COPIED
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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 HORIZONTAL PIN HEADER,
SIL SMT TAPE & REEL

DRAWING NUMBER:
M20-889XX45X

SHT
3
OF
4

Customer Information Sheet

DRAWING No.: M20-889XX45R

SHEET 4 OF 4

IF IN DOUBT - ASK

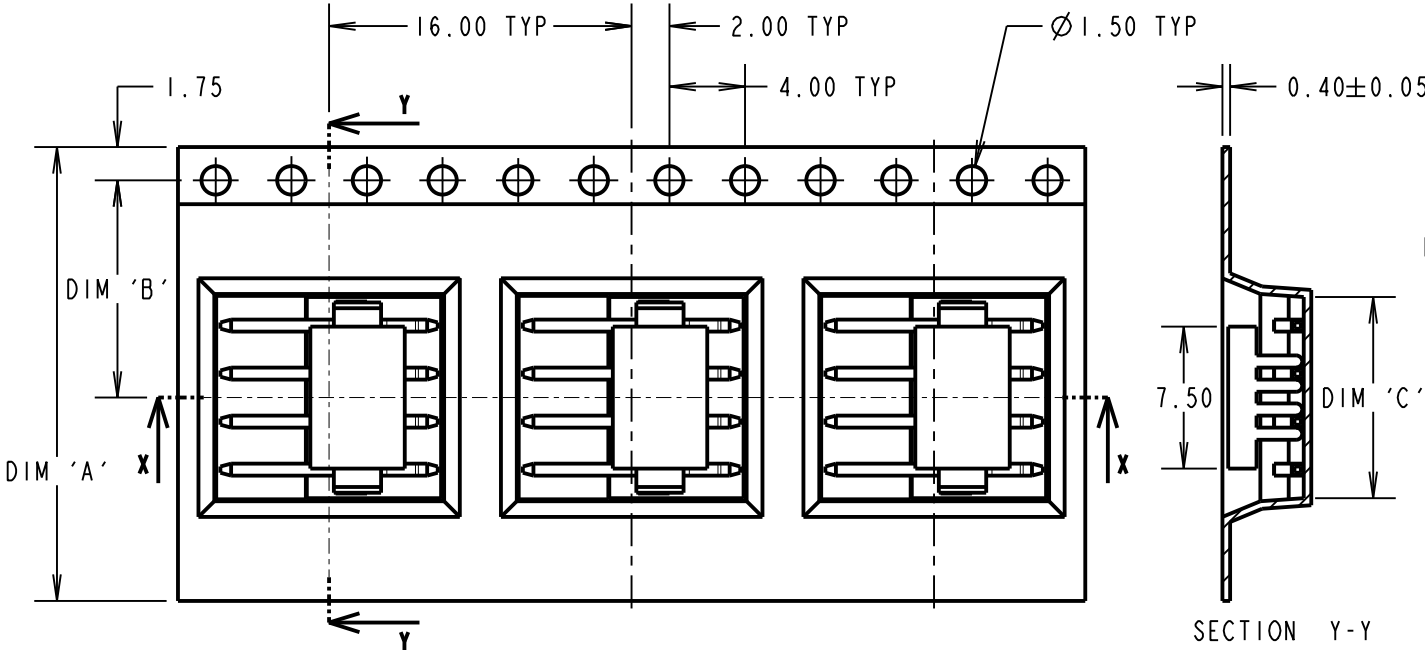
©

NOT TO SCALE

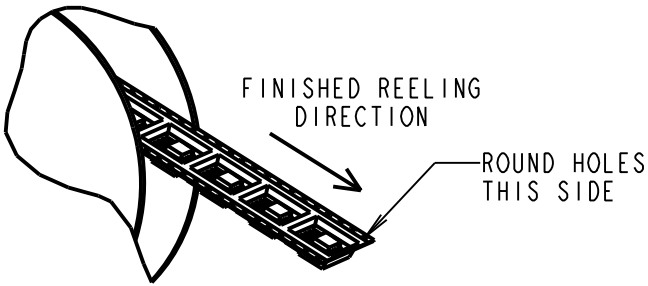
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

TAPE DETAILS FOR
02, 03, 04 & 05 WAYS ONLY



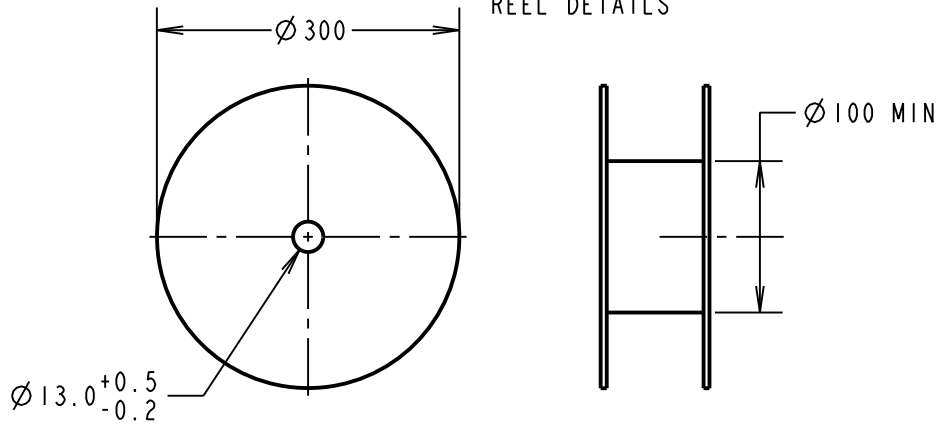
SECTION X-X



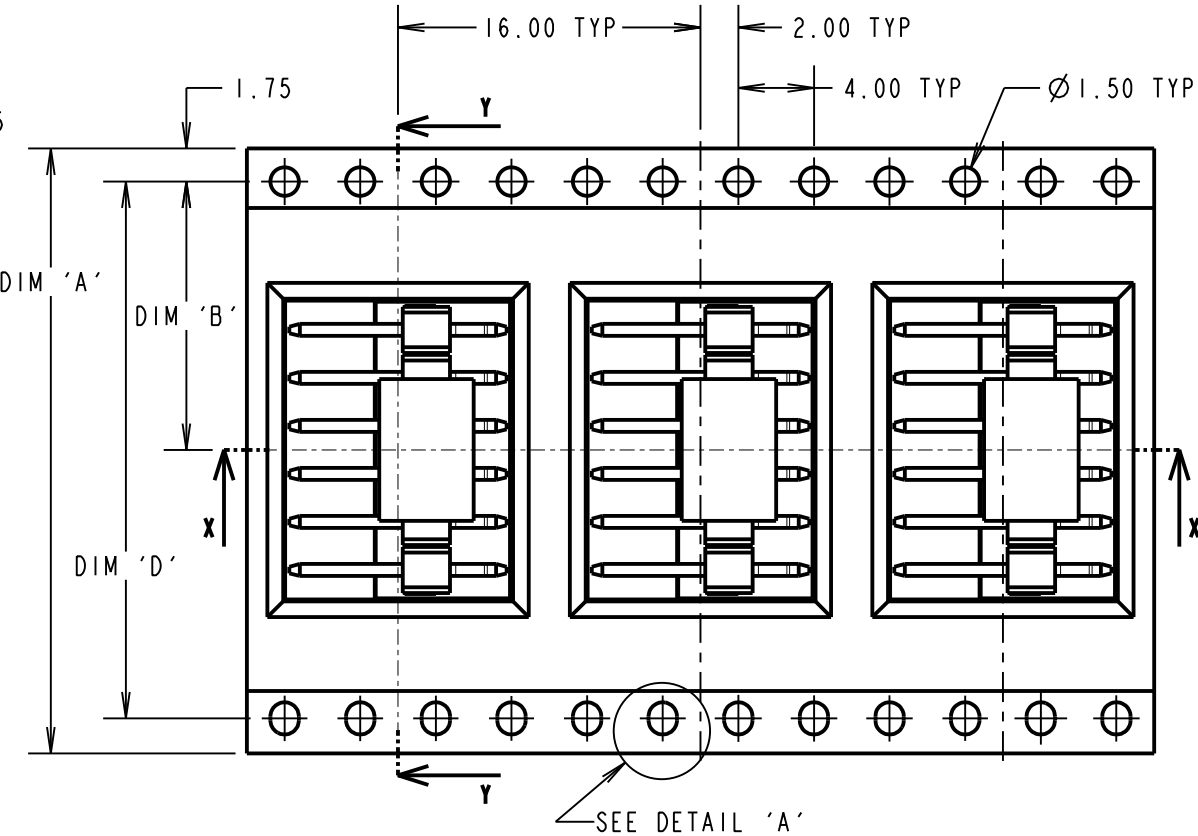
FINISHED REELING
DIRECTION

ROUND HOLES
THIS SIDE

REEL DETAILS



SECTION Y-Y



SEE DETAIL 'A'

SECTION X-X

SECTION Y-Y

TAPE DETAILS FOR
06, 08, & 10 WAYS ONLY

ORDER CODE:

M20-889XX45X

No. OF CONTACTS:
02-06, 08 & 10

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

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PART No.	DIMENSION				REEL QUANTITY
	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	
M20-8890245R	24.00±0.30	11.50±0.15	7.68	N/A	500
M20-8890345R			8.00		
M20-8890445R			10.55		
M20-8890545R			13.10		
M20-8890645R	32.00±0.30	14.20±0.15	15.60	28.40	
M20-8890845R	44.00±0.30	20.20±0.15	20.70	40.40	
M20-8891045R			25.80		

MSP	I	18.05.16	----
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CHECKED: S.BENNETT			
DRAWN: M.PERREN			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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

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X.X = ±0.50mm
X.XX = ±0.10mm
X.XXX = ±0.01mm
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UNLESS STATED

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SEE ABOVE
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S/AREA: mm²

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