

Customer Information Sheet

DRAWING No.: M20-791XX42R

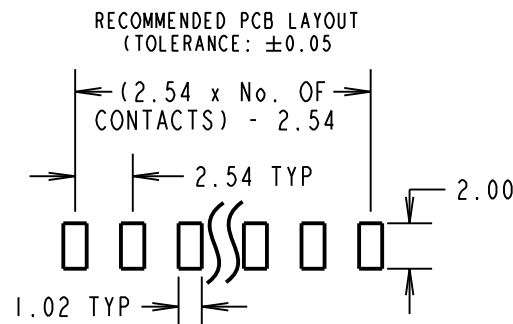
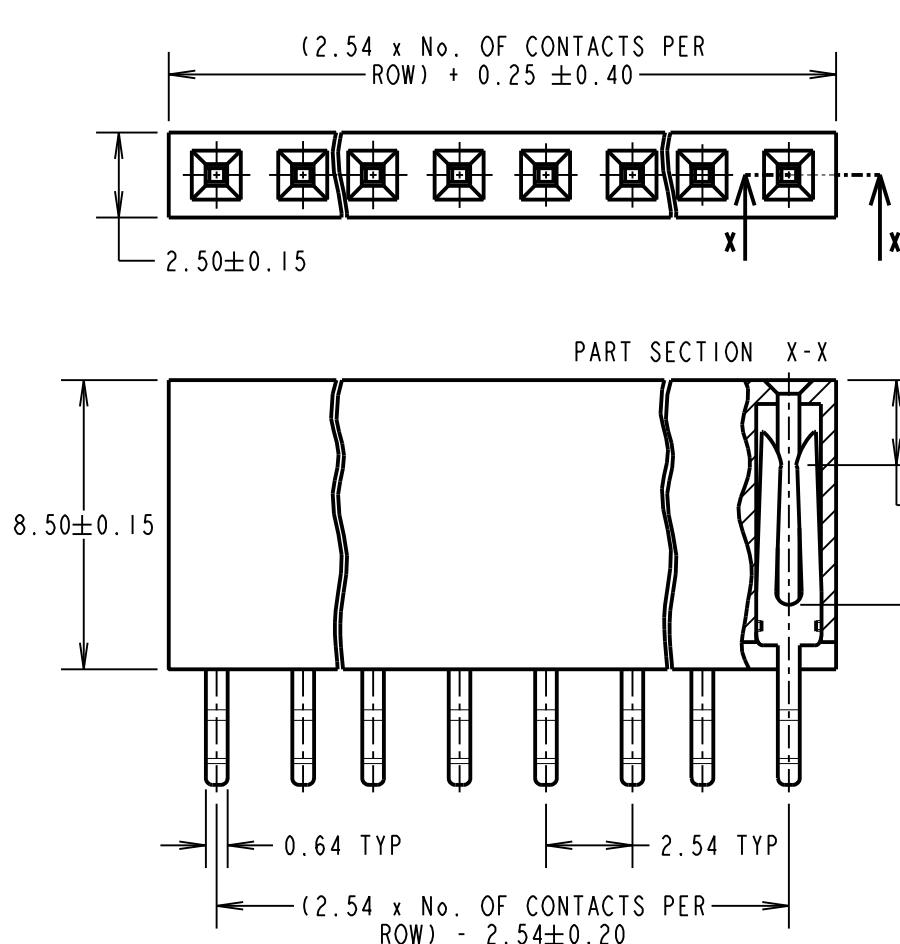
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



COMPONENT SPECIFICATIONS:

MATERIAL:

MOULD = GLASS FILLED PA9T, UL94V-0

CONTACTS = PHOSPHOR BRONZE

FINISH:

0.76-2.03 μm NICKEL ALL OVER,

0.015 μm MIN GOLD ON CONTACT,

2.03-5.08 μm TIN ON TAILS.

ELECTRICAL:

CURRENT RATING = 3A

CONTACT RESISTANCE = 20m Ω MAX

INSULATION RESISTANCE = 1000M Ω MIN

VOLTAGE PROOF = 1000V AC FOR ONE MINUTE

MECHANICAL:

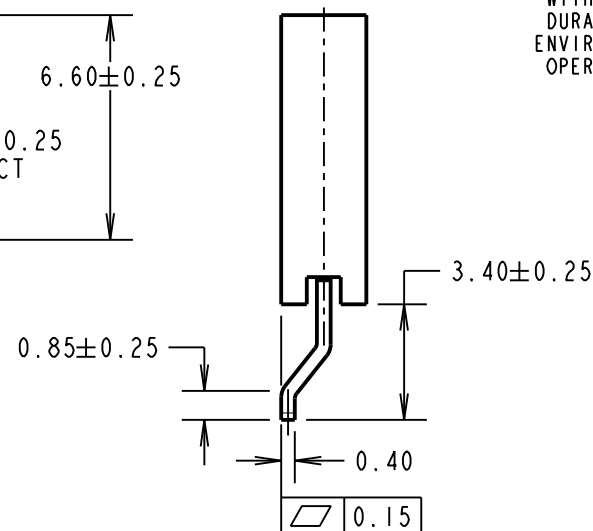
INSERTION FORCE = 1.96N MAX PER CONTACT

WITHDRAWAL FORCE = 0.19N MIN PER CONTACT

DURABILITY = 300 CYCLES MIN

ENVIRONMENTAL:

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



NOTES:
1. FOR TAPE AND REEL DETAILS SEE SHEET 4.

ORDER CODE:

M20-791XX42R

No. OF CONTACTS PER ROW:
02-06, 08, 10

MGP	3	23.11.21	31219
NAME	ISS.	DATE	CN/CO
APPROVED: MGP			
CHECKED: RTP			
DRAWN: M.PERREN			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

www.harwin.com
technical@harwin.com

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TOLERANCES
X. = $\pm 1\text{mm}$
X.X = $\pm 0.50\text{mm}$
X.XX = $\pm 0.20\text{mm}$
X.XXX = $\pm 0.01\text{mm}$
ANGLES = $\pm 5^\circ$
UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm²

TITLE:

2.54mm SOCKET SIL
HORIZONTAL SMT TAPE & REEL

DRAWING NUMBER:

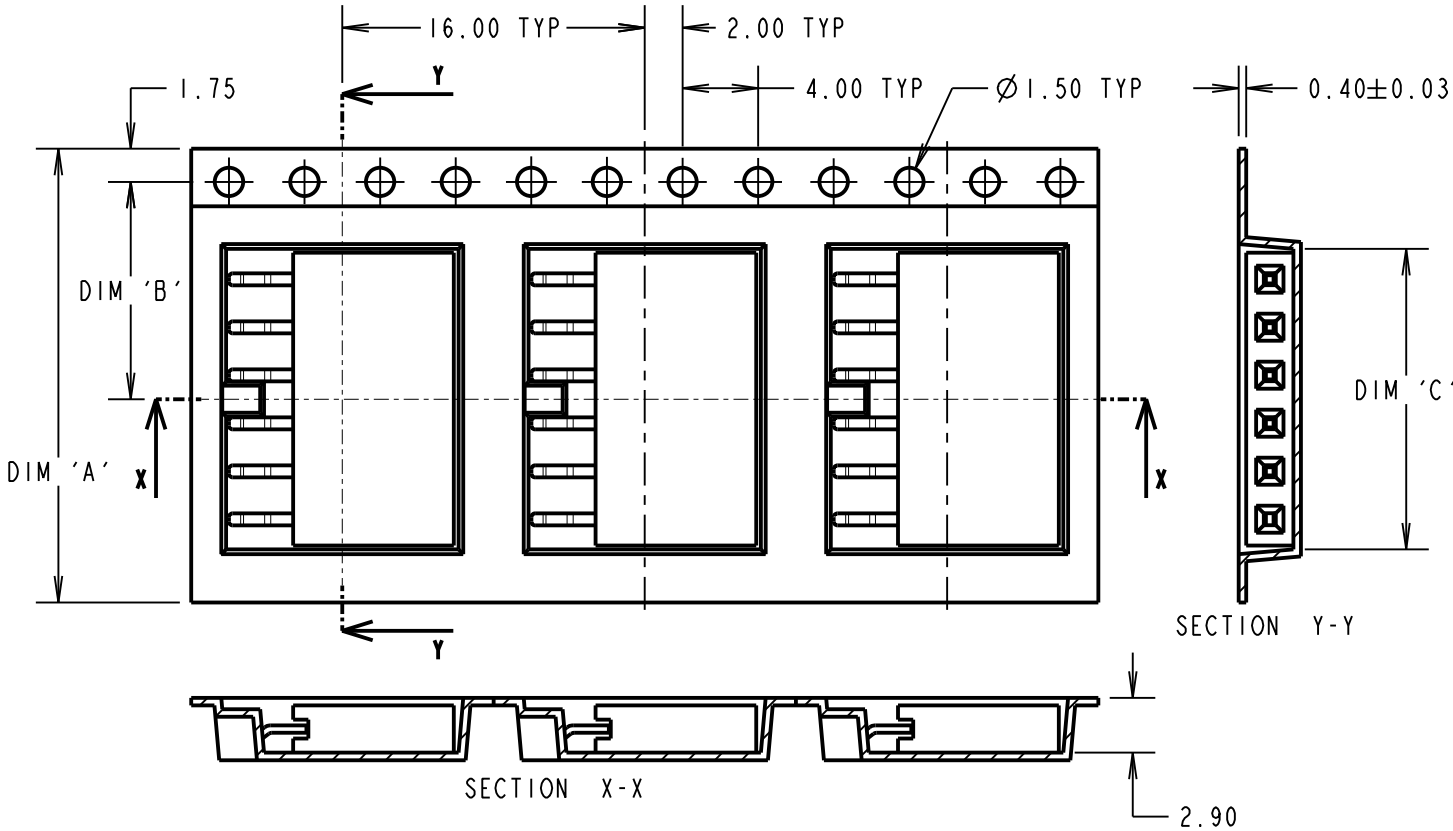
M20-791XX42R

SHT
3
OF
4

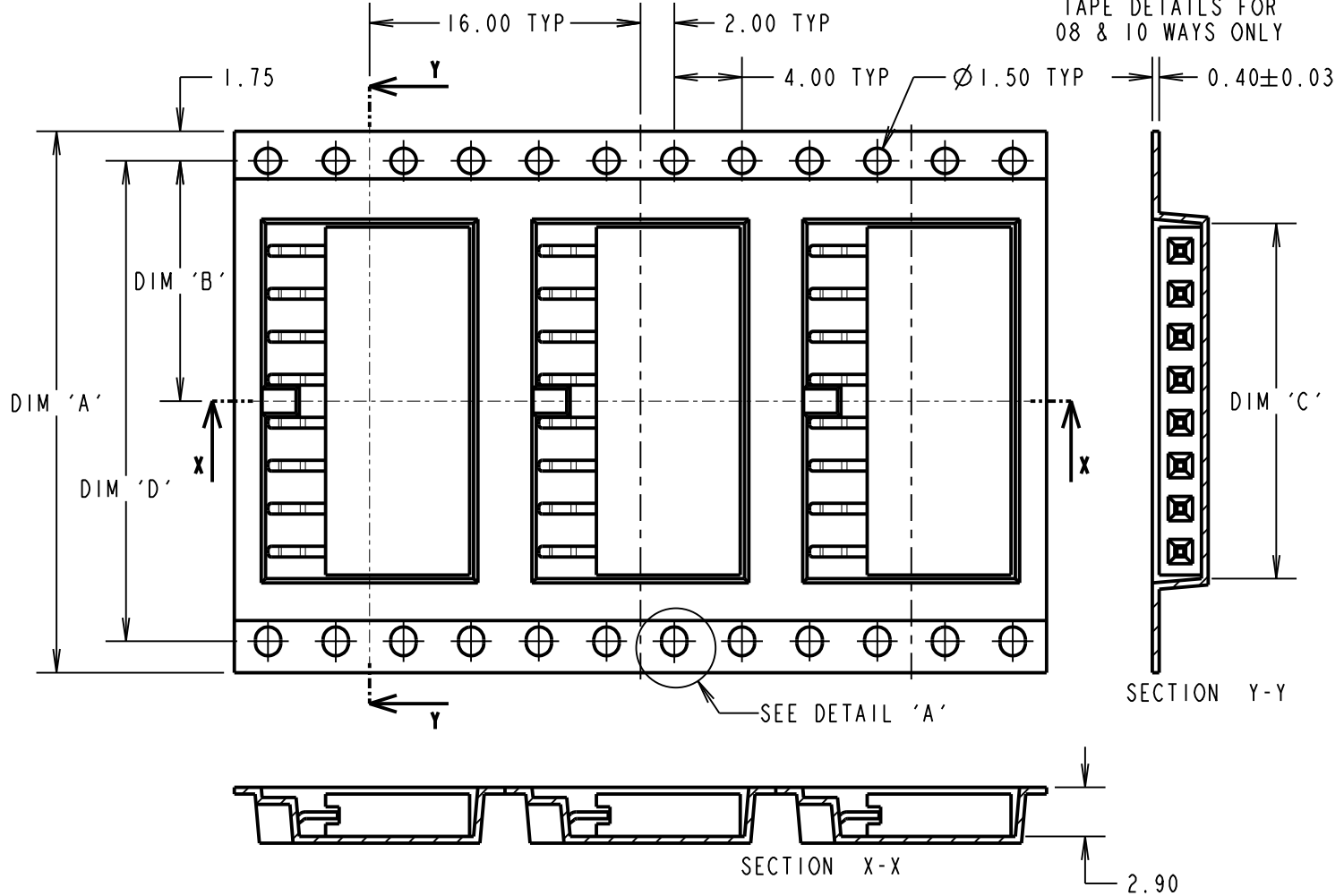
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DRAWING No.: M20-791XX42R IF IN DOUBT - ASK © NOT TO SCALE THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm

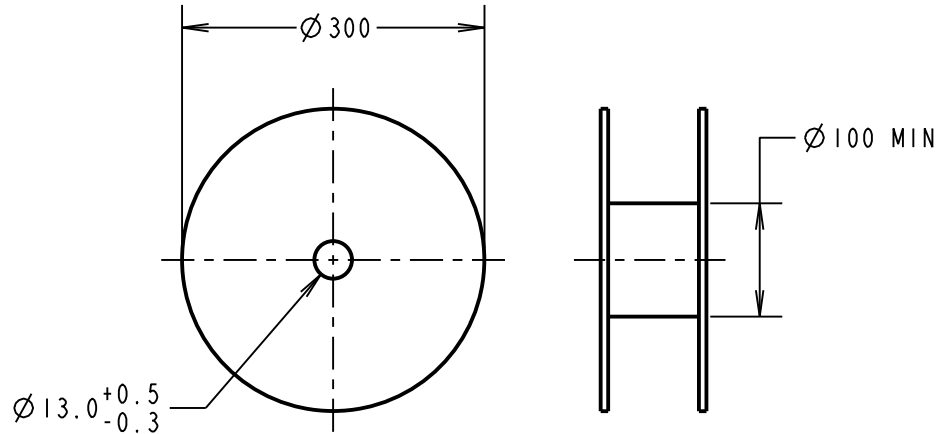
TAPE DETAILS FOR
02, 03, 04, 05 & 06 WAYS ONLY



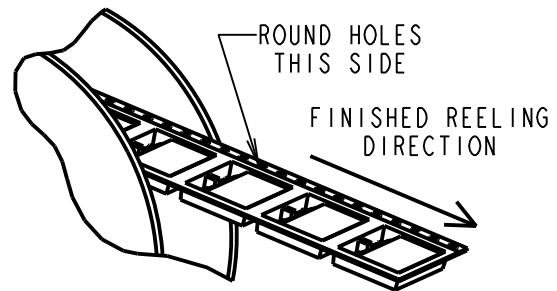
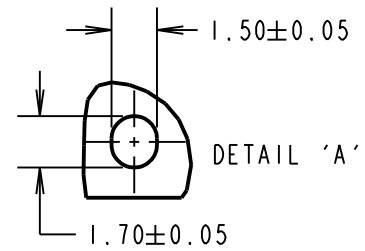
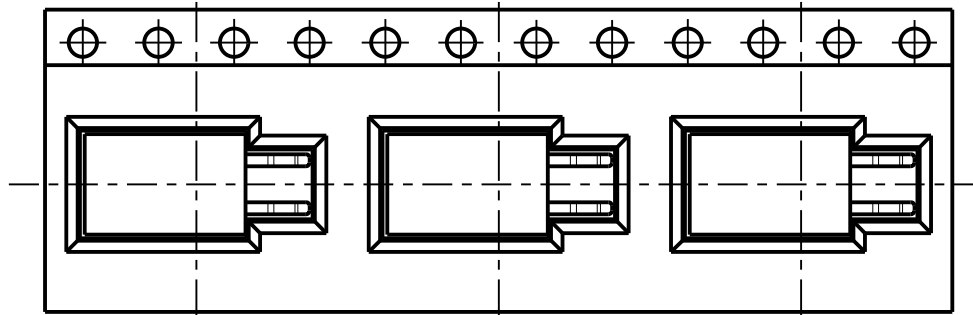
TAPE DETAILS FOR
08 & 10 WAYS ONLY



REEL DETAILS



TAPE DETAILS FOR ORIENTATION OF
02 WAY ONLY



PART No.	DIMENSION				REEL QUANTITY
	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	
M20-7910242R	16.00±0.30	7.50	5.70	N/A	1300
M20-7910342R			8.30		
M20-7910442R			10.80		
M20-7910542R	24.00±0.30	11.50	13.20		
M20-7910642R			15.90		
M20-7910842R	32.00±0.30	14.20	21.00	28.40	
M20-7911042R	44.00±0.30	20.20	26.05	40.40	

NOTES:

- PRODUCT TO BE TAPE AND REELED IN GENERAL ACCORDANCE WITH EIA-481 (ELECTRONIC INDUSTRIES ASSOCIATION).
- FOR CONNECTOR DETAILS AND SPECIFICATIONS, SEE SHEET 3.

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TOLERANCES

X. = ±1mm
X.X = ±0.50mm
X.XX = ±0.20mm
X.XXX = ±0.01mm

ANGLES = ±5°

UNLESS STATED

MATERIAL:

SEE SHEET 3

FINISH:

SEE SHEET 3

S/AREA:

mm²

TITLE:

2.54mm SOCKET SIL
HORIZONTAL SMT TAPE & REEL

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SHT
4
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4