

# Customer Information Sheet

DRAWING No.: M20-791XX42R

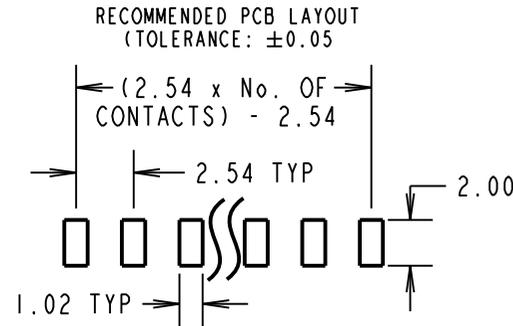
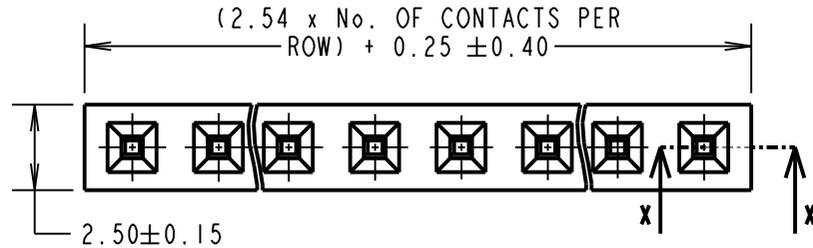
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



**COMPONENT SPECIFICATIONS:**

**MATERIAL:**  
 MOULD = GLASS FILLED PA9T, UL94V-0  
 CONTACTS = PHOSPHOR BRONZE

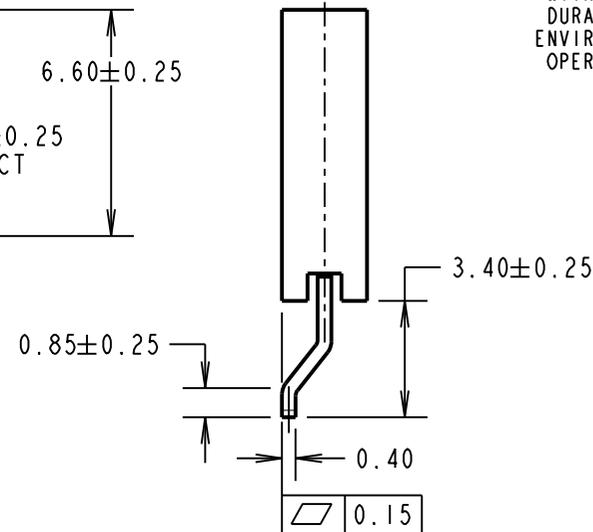
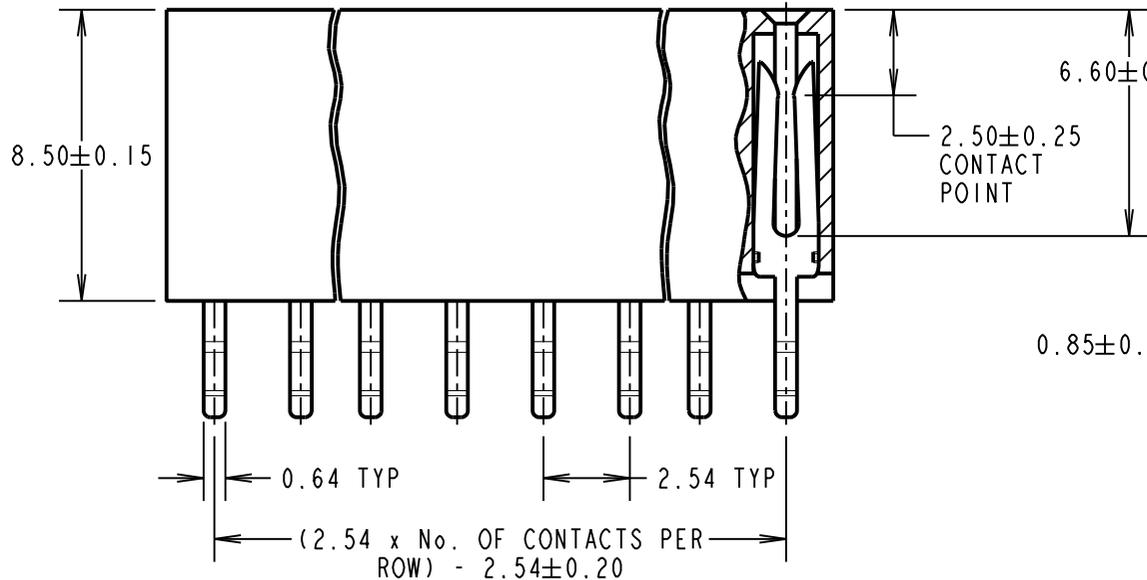
**FINISH:**  
 0.76-2.03µm NICKEL ALL OVER,  
 0.015µm MIN GOLD ON CONTACT,  
 2.03-5.08µm TIN ON TAILS.

**ELECTRICAL:**  
 CURRENT RATING = 3A  
 CONTACT RESISTANCE = 20mΩ MAX  
 INSULATION RESISTANCE = 1000MΩ 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

**PART SECTION X-X**



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

ORDER CODE:  
**M20-791XX42R**

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

MGP	2	28.01.19	21764
NAME	ISS.	DATE	C/NOTE
APPROVED:		MGP	
CHECKED:		SB	
DRAWN:		M.PERREN	
CUSTOMER REF.:			
ASSEMBLY DRG.:			

**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 SOCKET SIL  
 HORIZONTAL SMT TAPE & REEL

**DRAWING NUMBER:**  
**M20-791XX42R**

SHT  
 3  
 OF  
 4

# Customer Information Sheet

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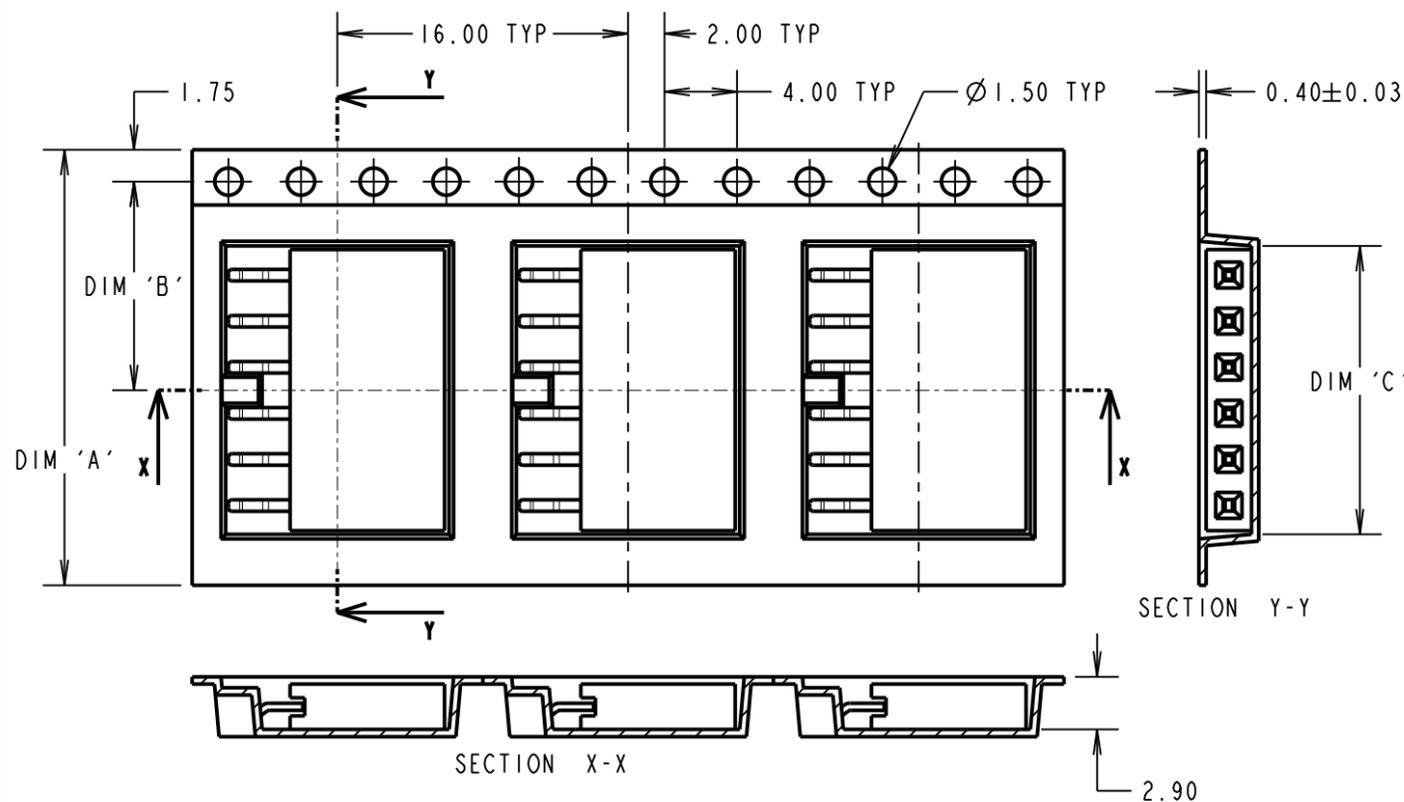
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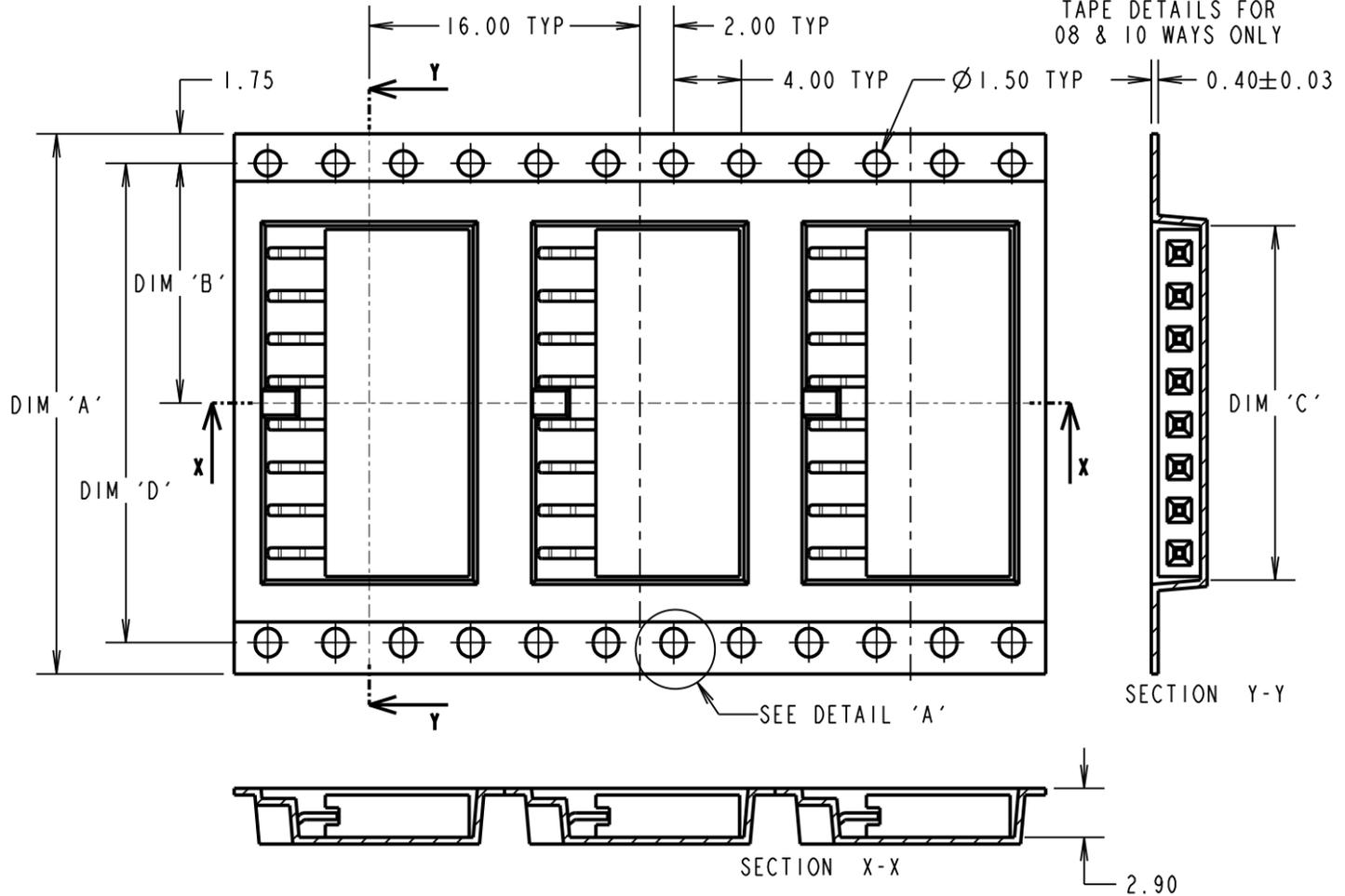
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

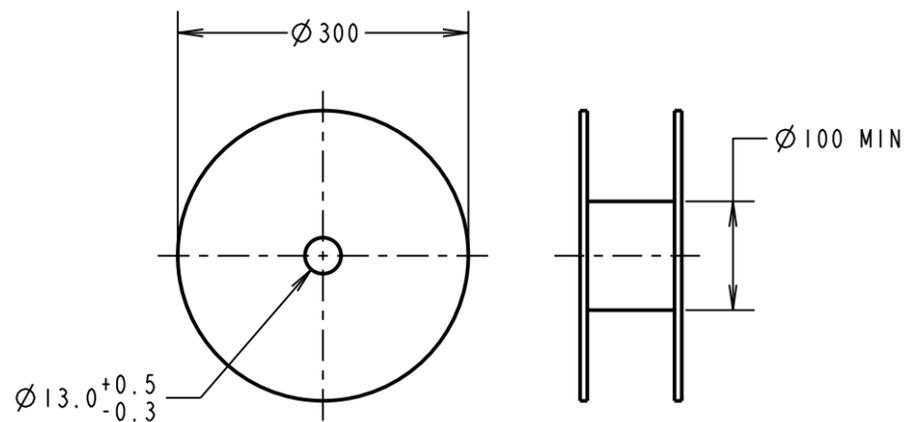
TAPE DETAILS FOR  
02, 03, 04, 05 & 06 WAYS ONLY



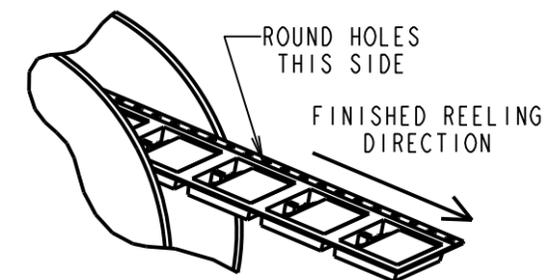
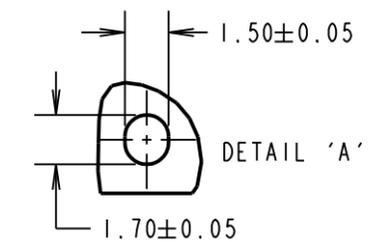
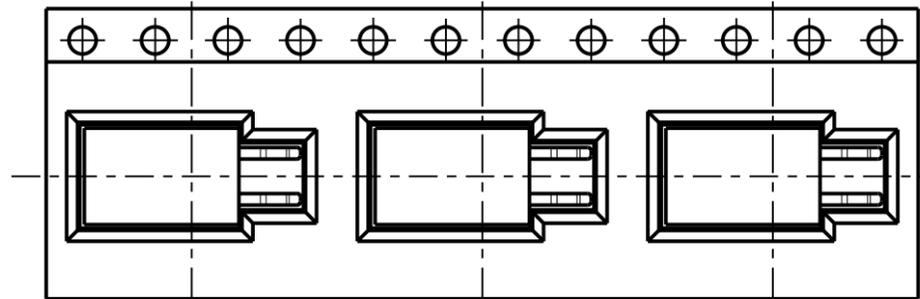
TAPE DETAILS FOR  
08 & 10 WAYS ONLY



REEL DETAILS



TAPE DETAILS FOR ORIENTATION OF  
02 WAY ONLY



MGP	2	28.01.19	21764
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SB			
DRAWN: M.PERREN			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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	24.00±0.30	11.50	10.80		
M20-7910542R			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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FINISH: SEE SHEET 3  
S/AREA: mm<sup>2</sup>

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