

Customer Information Sheet

DRAWING No.: M50-312XX45R

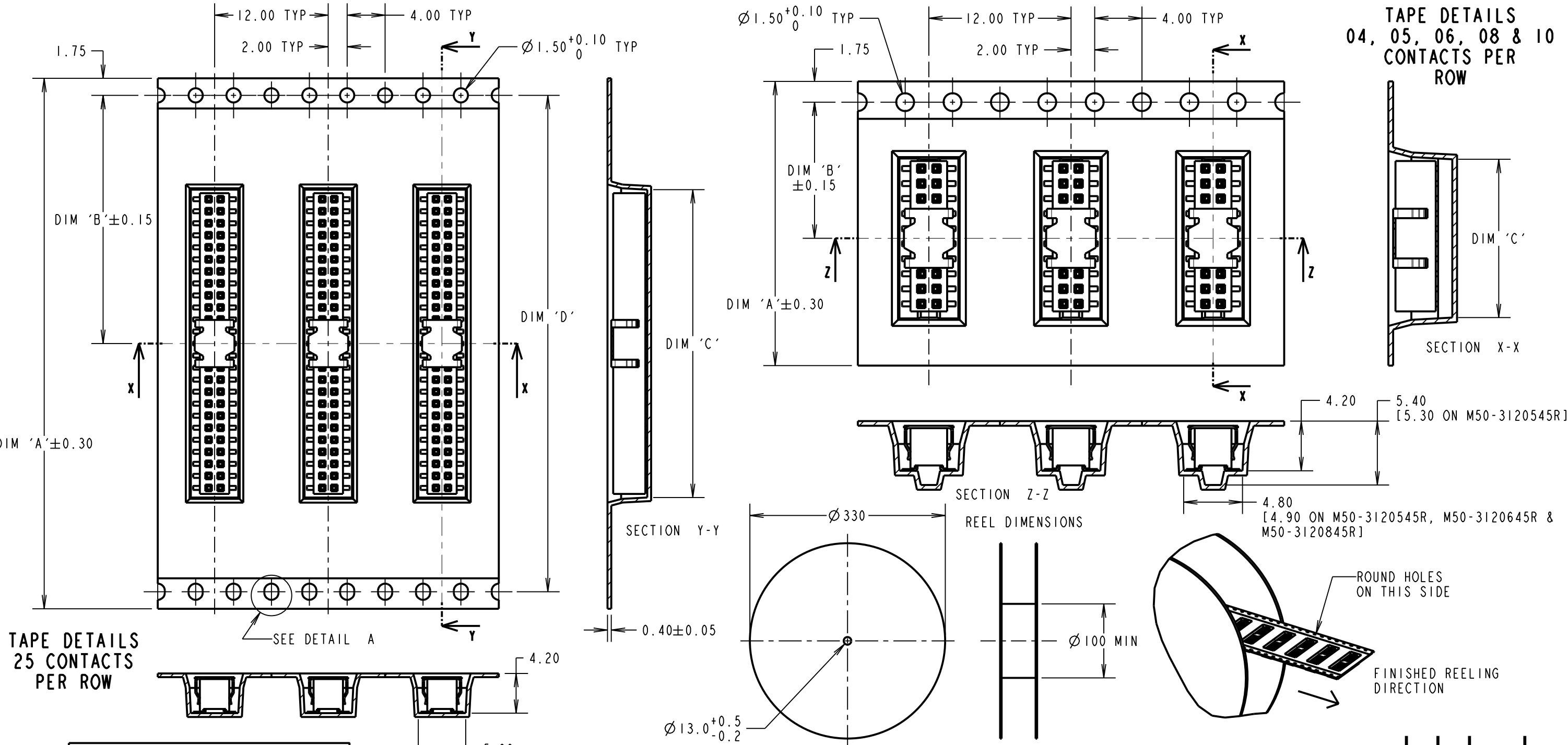
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



ORDER CODE:

M50-312XX45R

No. OF CONTACTS PER ROW:
04, 05, 06, 08, 10, 25

FINISH:
GOLD FLASH OVER NICKEL

OBSOLETE
All other size/finish
combinations not
listed

**Active
products:**

M50-3120445R
M50-3120545R
M50-3120645R
M50-3120845R
M50-3121045R

REELED PART No.	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'
M50-3120445R	16.00±0.30	7.50	5.80±0.15	
M50-3120545R			7.50	
M50-3120645R	24.00±0.30	11.50	8.45	
M50-3120845R			10.90	
M50-3121045R			16.70	
M50-3122545R	56.00±0.30	26.2±0.15	32.50±0.15	52.40

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INFORMATION OR DESCRIPTIVE
MATTER SET OUT HEREON ARE
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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 = ±0.20mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

MATERIAL:
SEE ABOVE

FINISH:
SEE ABOVE

S/AREA:
mm²

TITLE:
1.27mm PITCH
VERTICAL SMT SOCKET ASSY
(T&R WITH P/PLACE CAP)

DRAWING NUMBER:
M50-312XX45R

SHT
3 OF 4

NOTES:

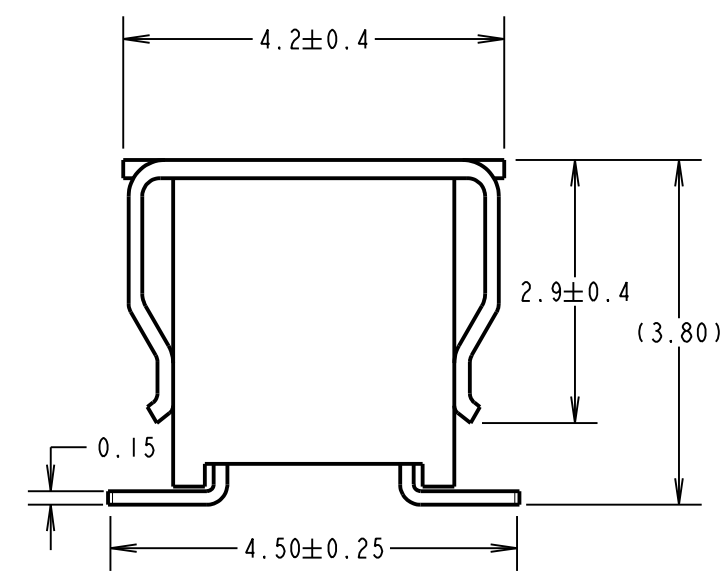
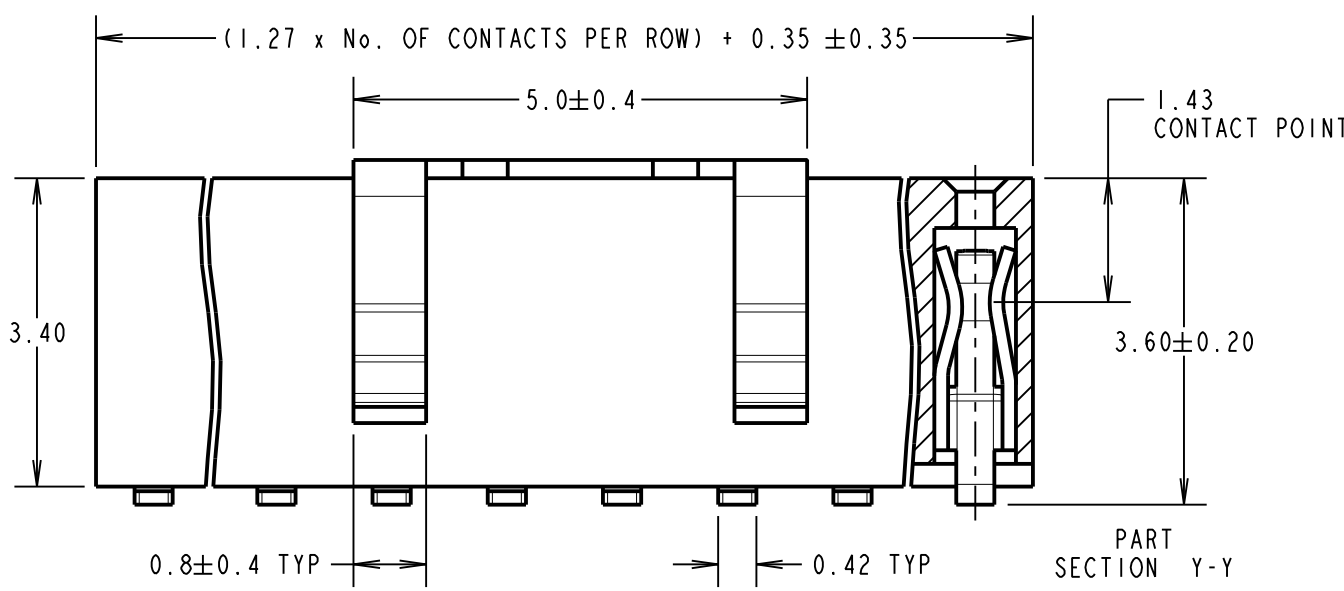
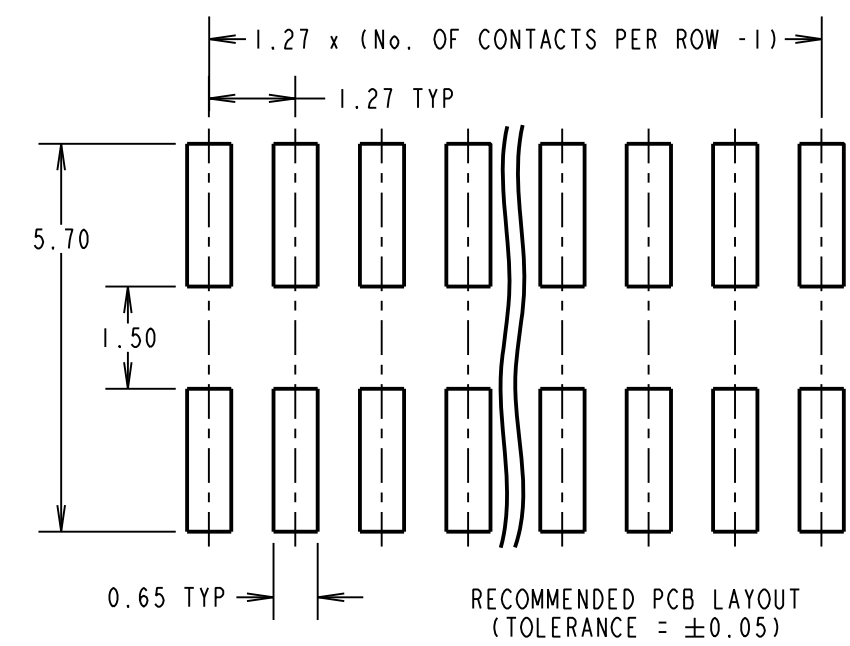
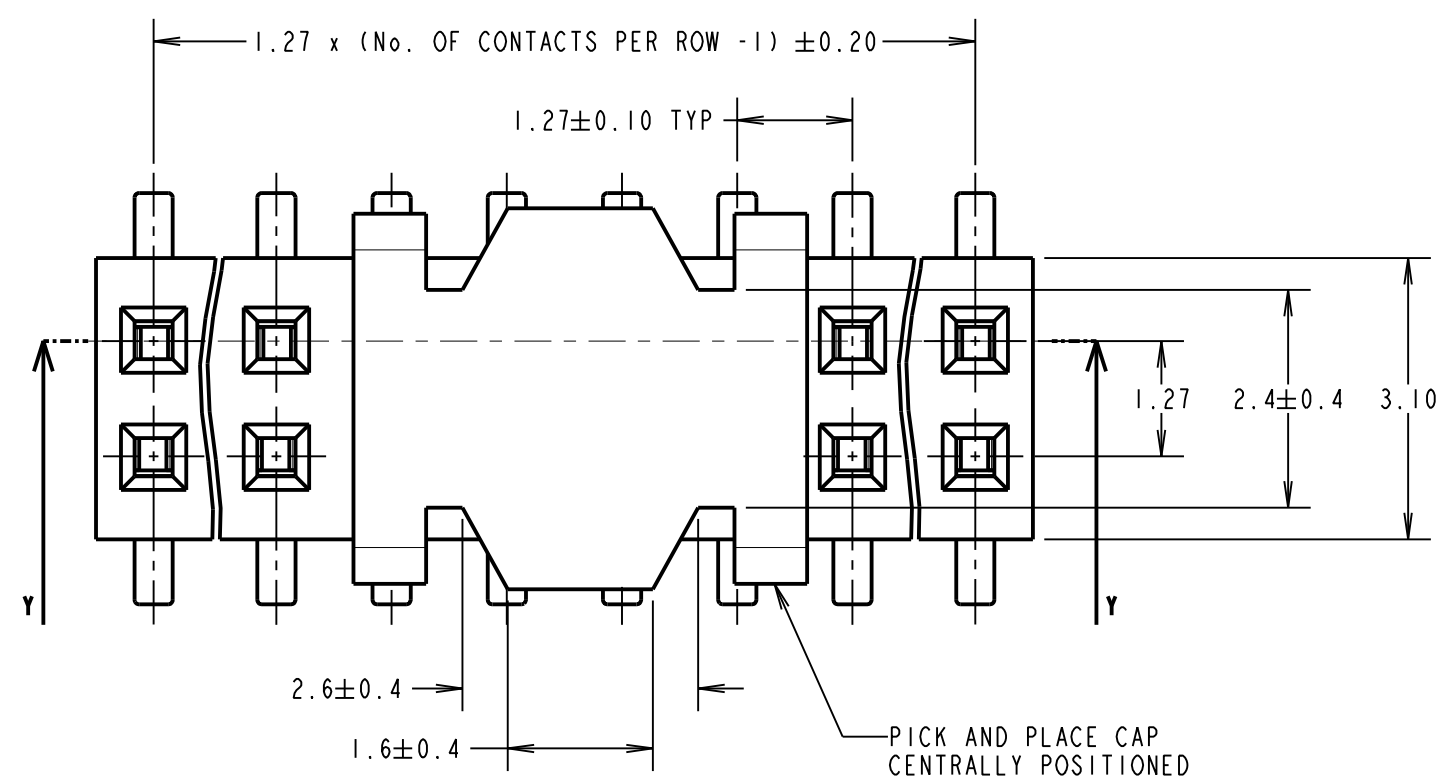
- TAPE & REELING IS IN ACCORDANCE WITH EIA-481 (ELECTRONIC INDUSTRIES ASSOCIATION).
- CUMULATIVE TOLERANCE OVER 10 PITCHES = ±0.20mm.
- QUANTITY PER Ø330mm REEL = 1000 PIECES.
- FOR CONNECTOR DETAILS, SEE SHEET 4.
- M50-3120545R AND M50-3120845R HAVE VISUAL DIFFERENCES IN TAPE POCKET TO THOSE DETAILED ON THIS DRAWING.

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www.harwin.com
technical@harwin.com

Customer Information Sheet

DRAWING No.: M50-312XX45R IF IN DOUBT - ASK © NOT TO SCALE THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm



SPECIFICATIONS:
MATERIAL:
MOULDING = LCP, UL94V-0, BLACK
CONTACT = PHOSPHOR BRONZE
FINISH:
CONTACT = GOLD FLASH OVER NICKEL
ELECTRICAL:
CURRENT RATING = 1A
VOLTAGE PROOF = 300V AC, 500V DC FOR ONE MINUTE
CONTACT RESISTANCE = $30\text{m}\Omega$ MAX
INSULATION RESISTANCE = $1000\text{M}\Omega$ MIN
MECHANICAL:
DURABILITY = 100 CYCLES MIN
INSERTION FORCE = 2N MAX PER CONTACT
WITHDRAWAL FORCE = 0.15N MIN PER CONTACT
ENVIRONMENTAL:
OPERATING TEMPERATURE = -40°C TO $+105^{\circ}\text{C}$
PACKING:
TUBE
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C029XX (LATEST ISSUE)

ORDER CODE:
M50-312XX45R
No. OF CONTACTS PER ROW: 04, 05, 06, 08, 10, 25
FINISH: GOLD FLASH OVER NICKEL

NOTES:
1. FOR TAPE & REEL DETAILS, SEE SHEET 3.
2. FOR DETAILS OF STANDARD COMPONENT, SEE DRAWING M50-312XX45.
3. ALL TOLERANCES ARE ± 0.15 , UNLESS OTHERWISE STATED.

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			FINISH: SEE ABOVE	DRAWING NUMBER: M50-312XX45R
			S/AREA: mm ²	SHT 4 OF 4

MGP	11	23.11.21	31219
NAME	ISS.	DATE	CN/CO
APPROVED: MGP			
CHECKED: RTP			
DRAWN: JM BROOKES			
CUSTOMER REF.:			
ASSEMBLY DRG:			

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Harwin:](#)

[M50-3121045R](#) [M50-3120845R](#) [M50-3120545R](#) [M50-3120445R](#)