

Customer Information Sheet

DRAWING No.: M50-312XX45R

IF IN DOUBT - ASK

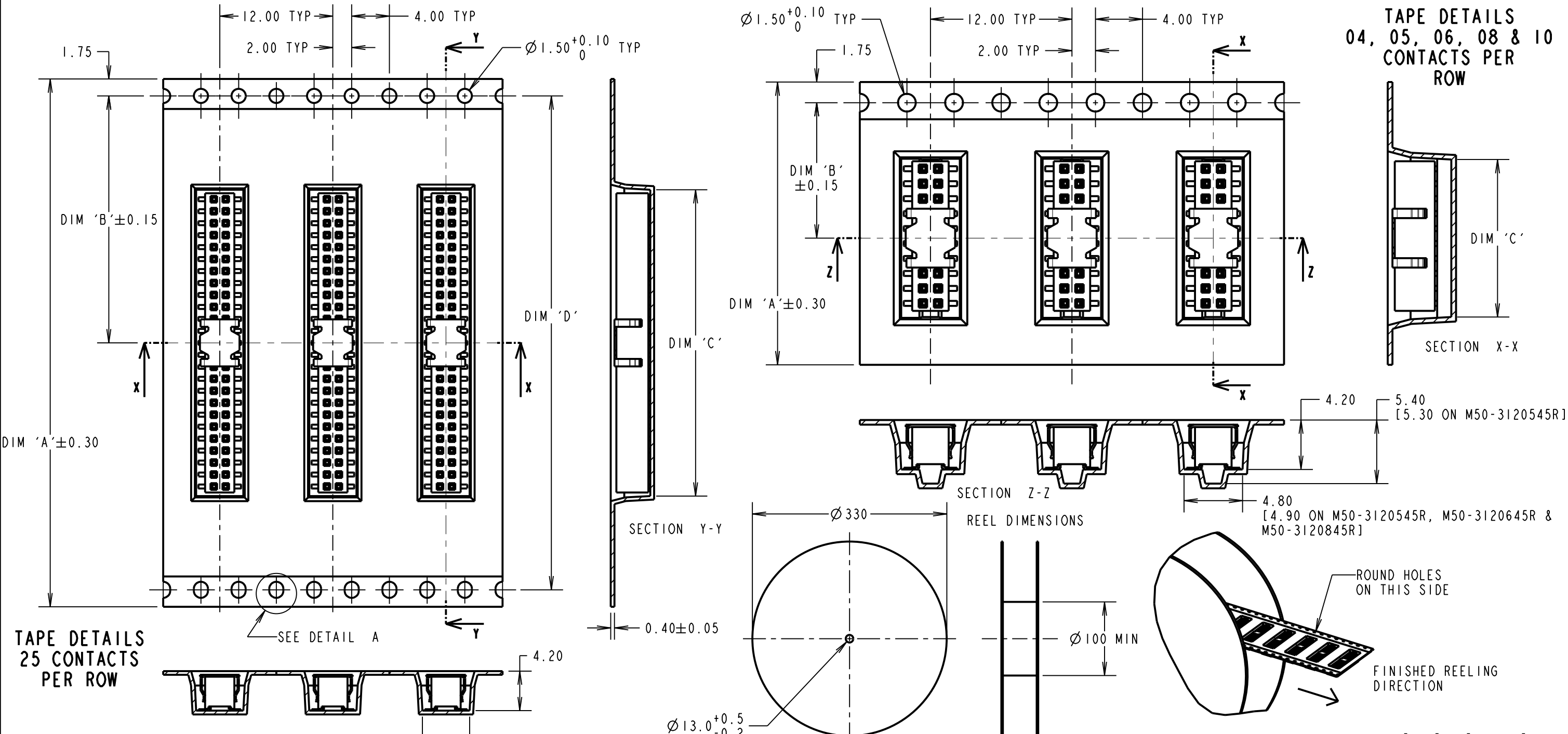
©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

TAPE DETAILS
04, 05, 06, 08 & 10
CONTACTS PER
ROW



TAPE DETAILS
25 CONTACTS
PER ROW

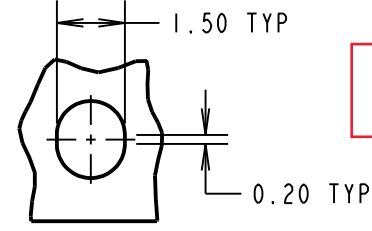
ORDER CODE:
M50-312XX45R

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



DETAIL A
SCALE 6

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	24.00±0.30	11.50	7.50	
M50-3120645R			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

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

HARWIN

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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 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

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

Customer Information Sheet

DRAWING No.: M50-312XX45R

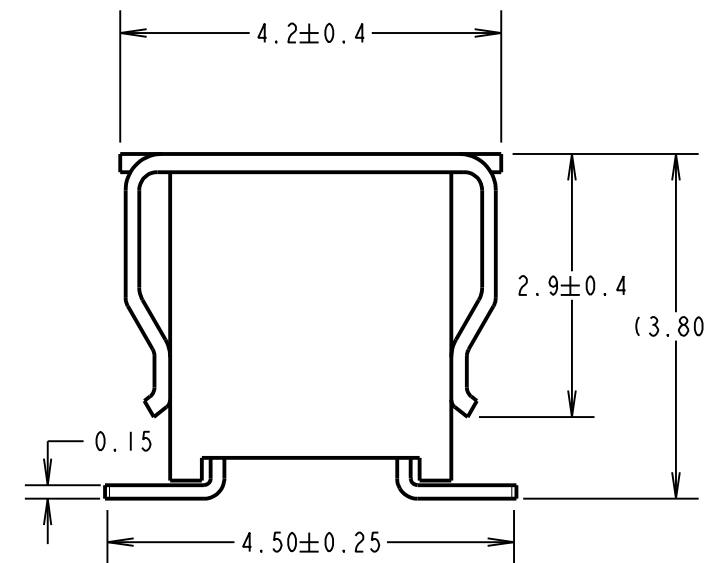
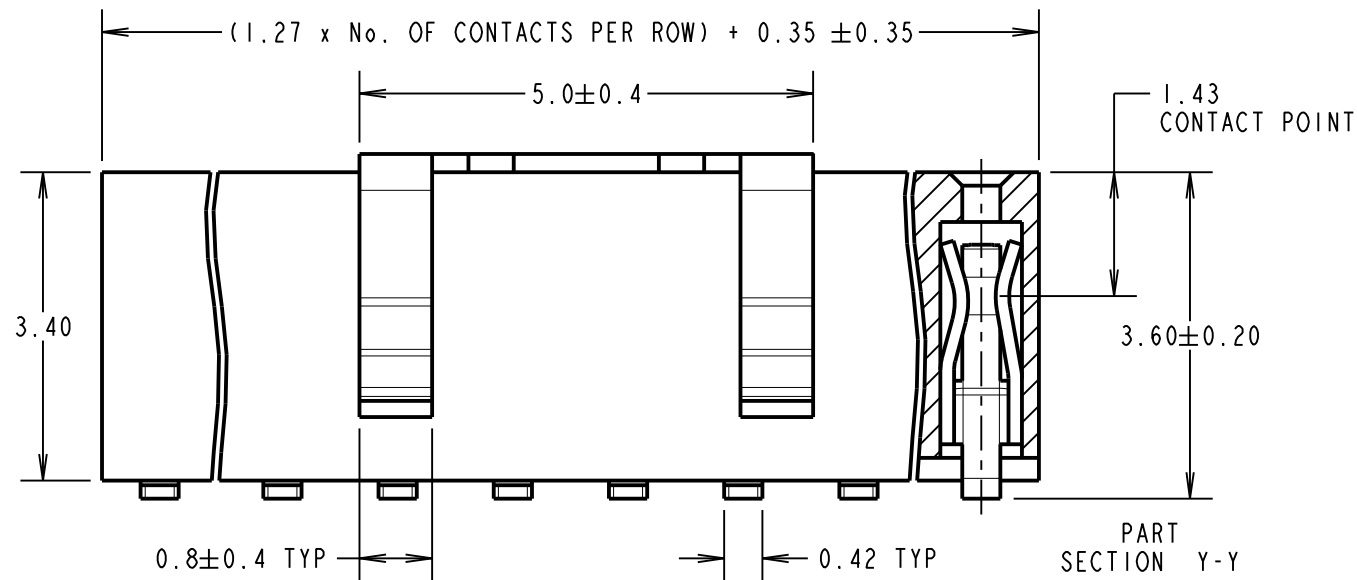
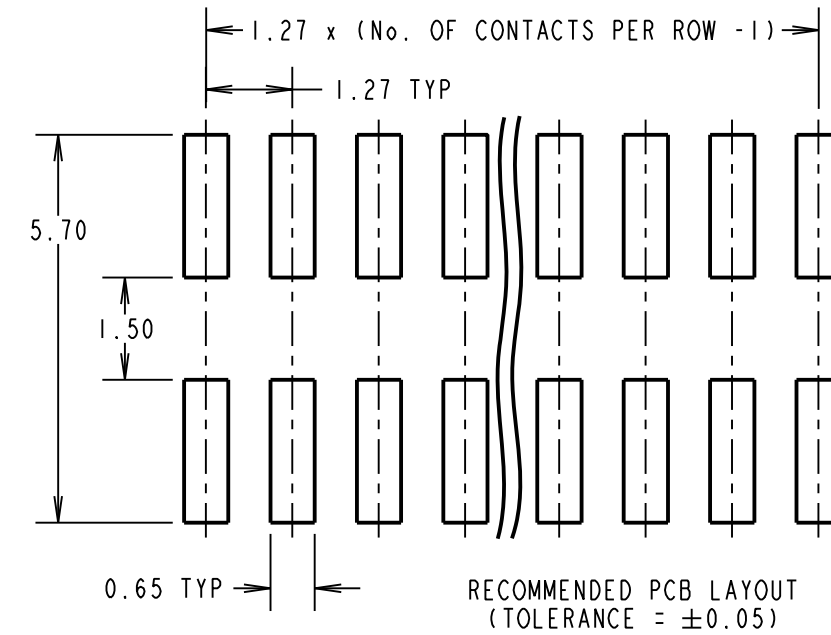
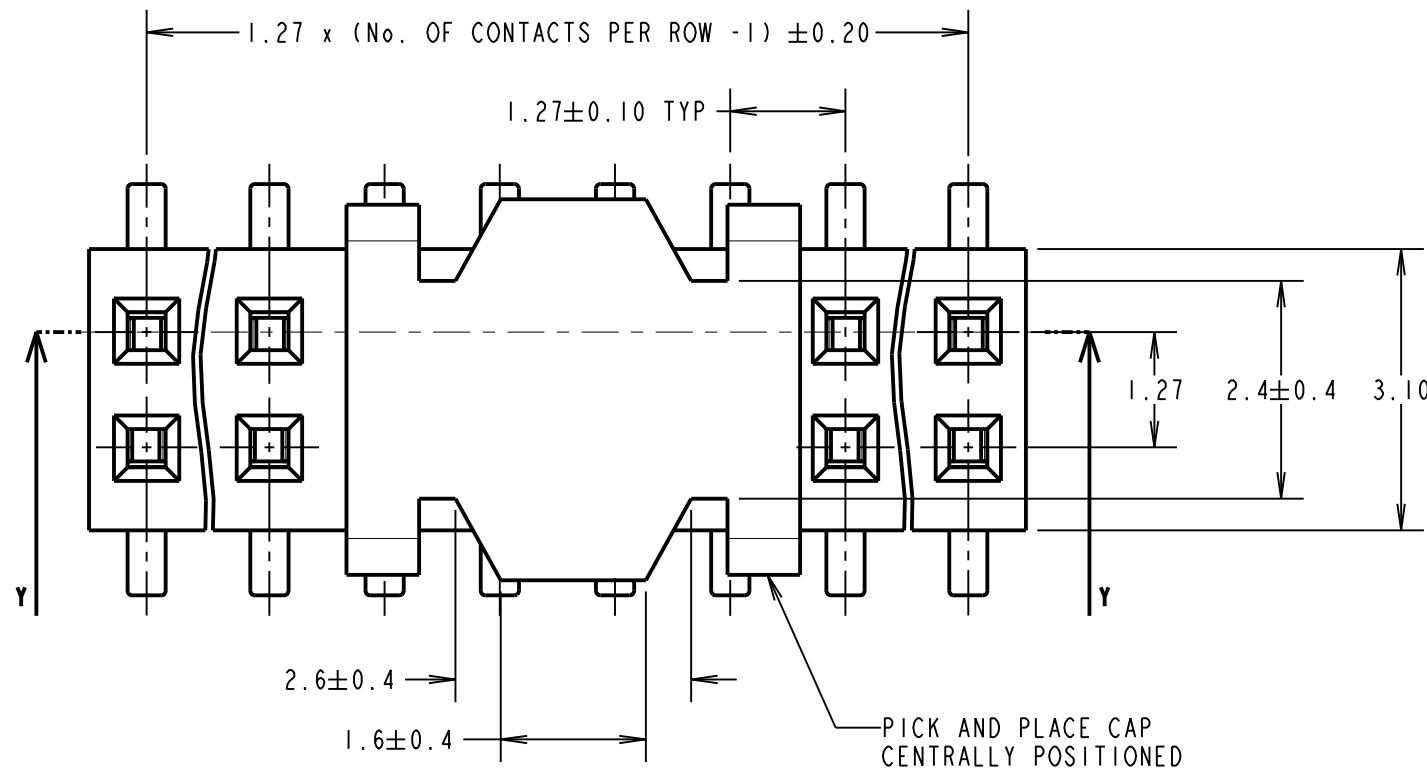
IF IN DOUBT - ASK

©

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

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M50-312XX45R

SHT
 4 OF 4

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