

Customer Information Sheet

DRAWING No.: M50-310XX45R

SHEET 3 OF 4

IF IN DOUBT - ASK

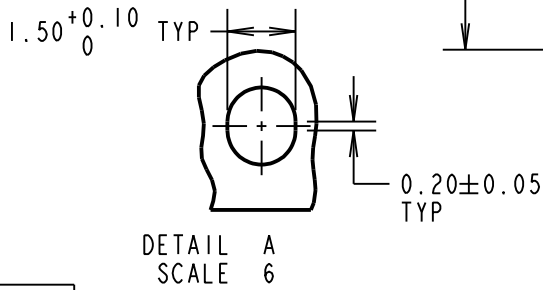
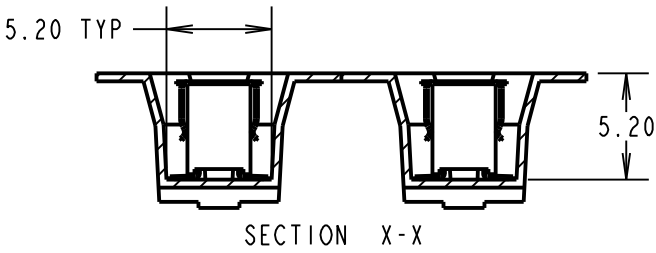
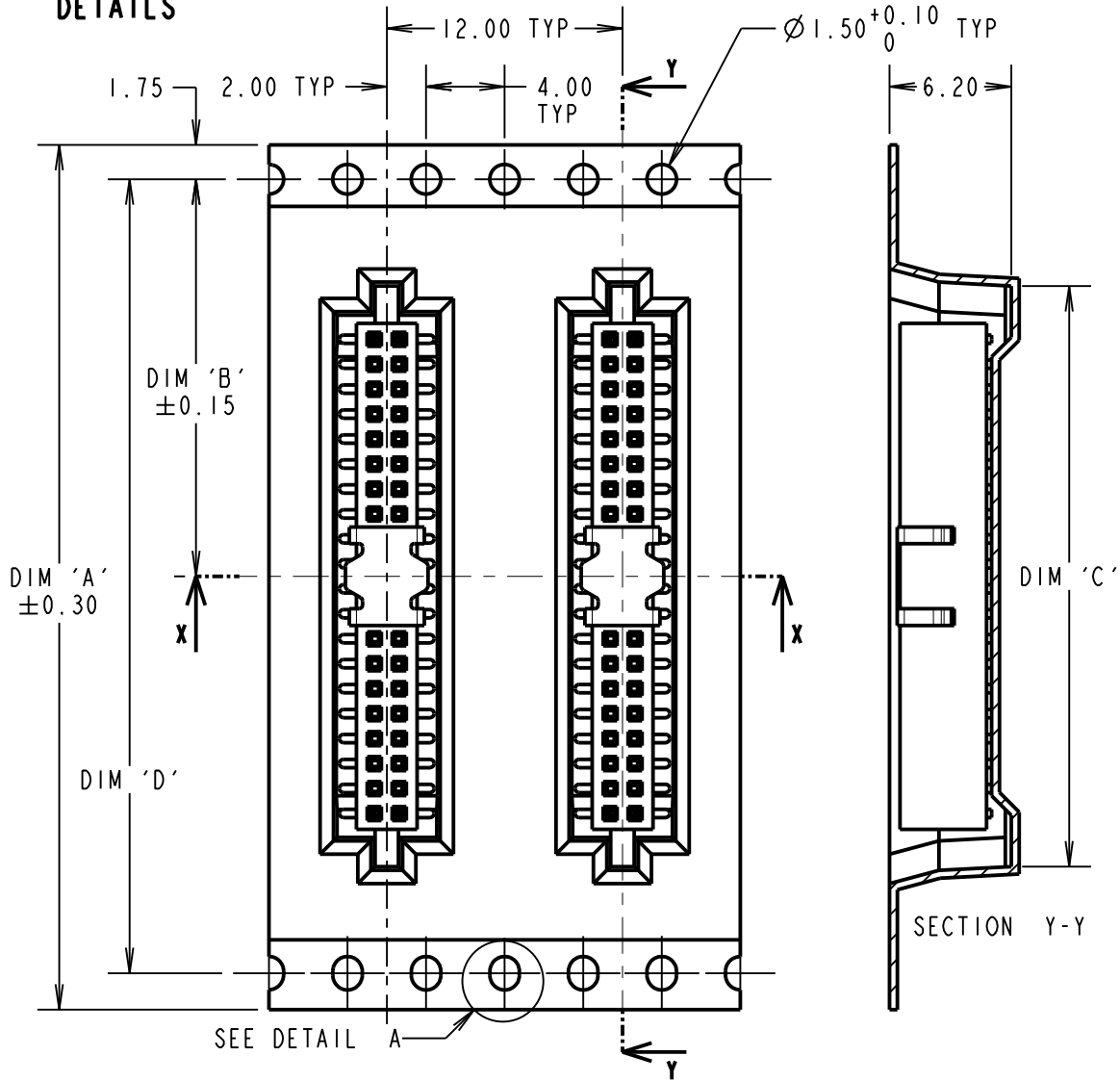
©

NOT TO SCALE

THIRD ANGLE PROJECTION

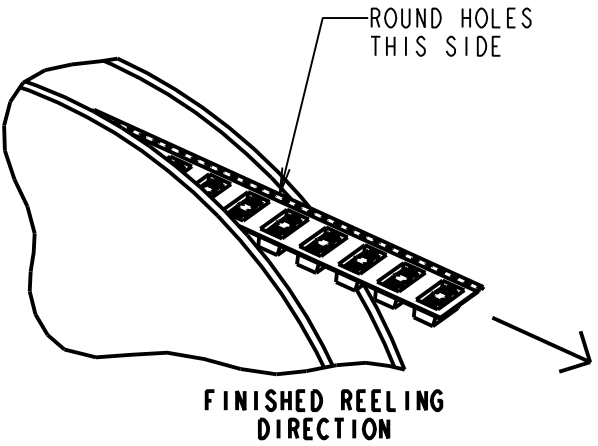
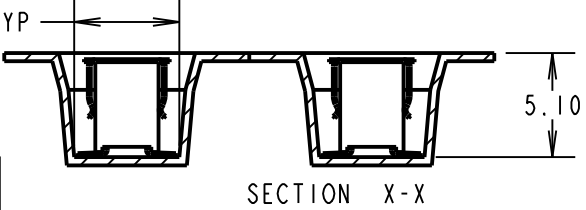
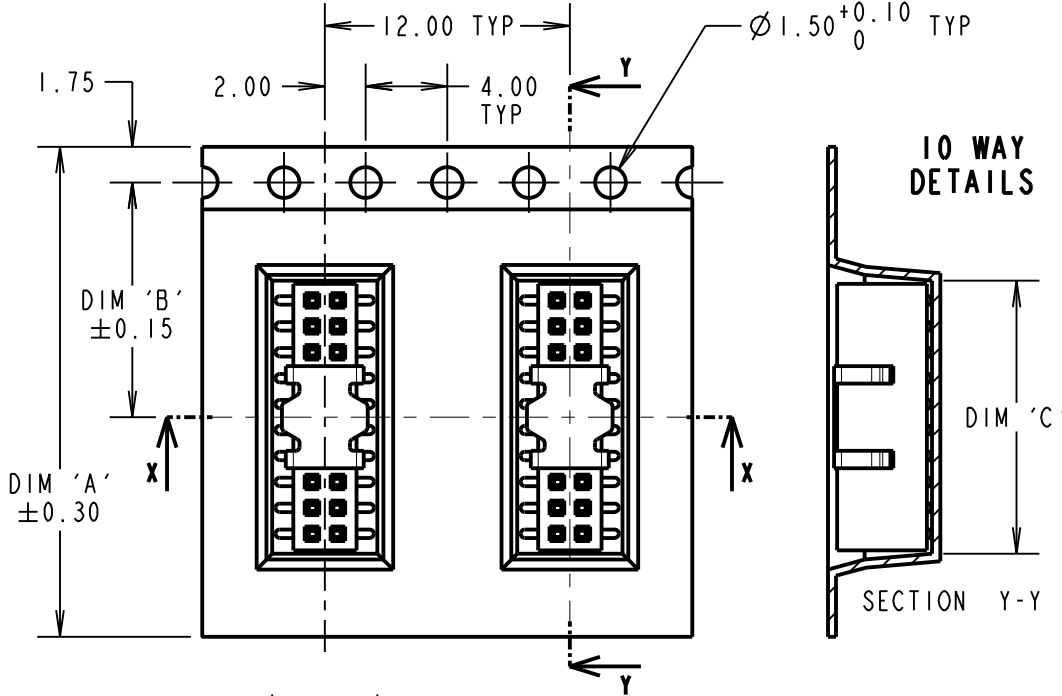
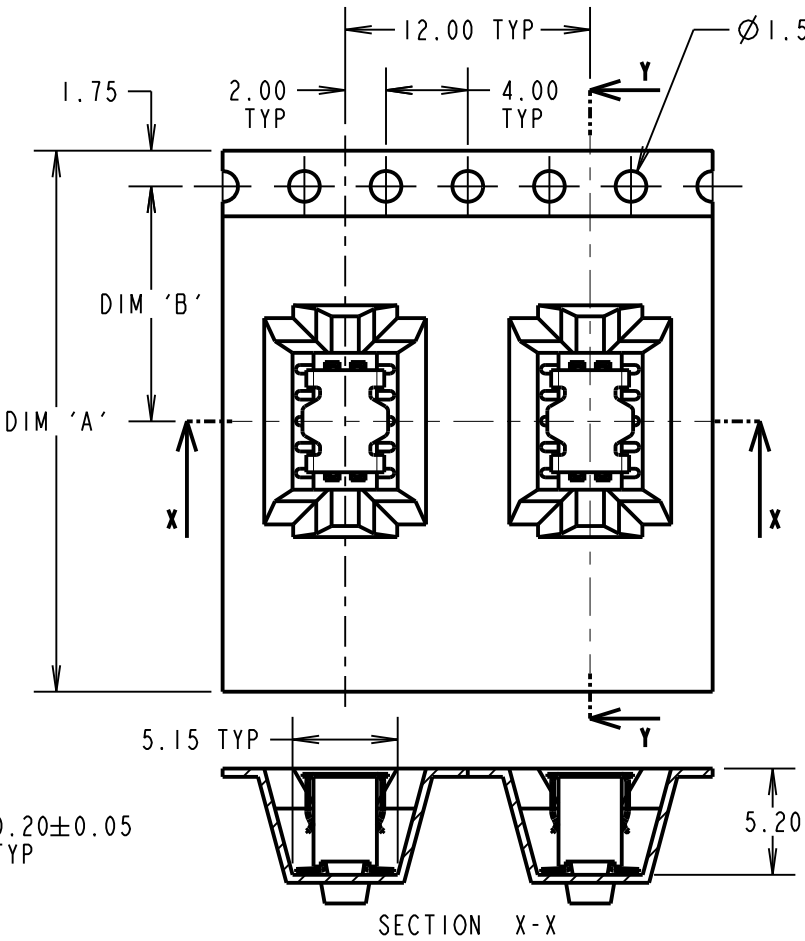
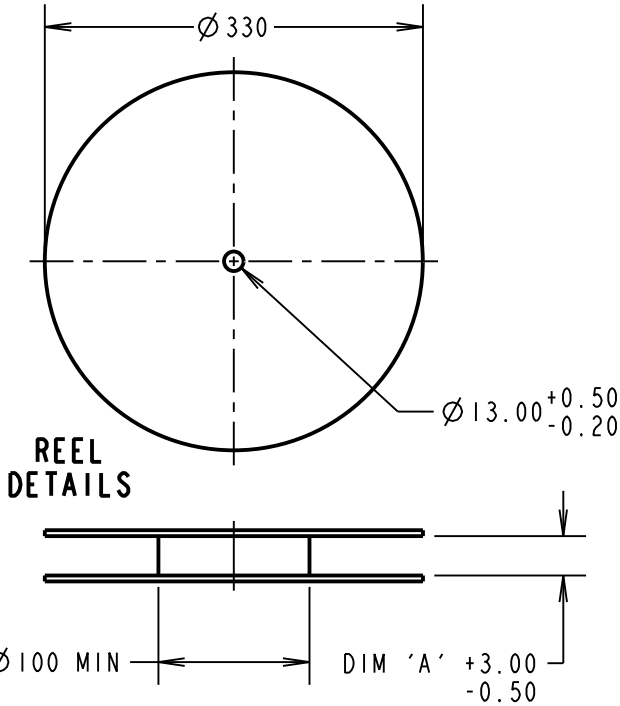
ALL DIMENSIONS IN mm

20 & 25 WAY DETAILS



- NOTES:
- FOR CONNECTOR DETAILS, SEE SHEET 4.
 - TAPE & REEL IS IN ACCORDANCE WITH EIA-481 (ELECTRONIC INDUSTRIES ASSOCIATION).
 - PICK & PLACE CAP IS THE SAME FOR ALL SIZES.

PART NUMBER	DIM 'A' ±0.30	DIM 'B'	DIM 'C'	DIM 'D'	QTY PER REEL
M40-3100545R	24.00	11.50	10.50	N/A	900
M40-3101045R	24.00	11.50	13.30	N/A	1000
M40-3102045R	44.00	20.20	29.55	40.40	900
M40-3102545R	56.00	26.20	36.50	52.40	800



ORDER CODE:

M50-310XX45R

No. OF CONTACTS PER ROW:
05, 10, 20, 25

FINISH:
GOLD FLASH OVER NICKEL

SB	4	21.01.13	11828
NAME	ISS.	DATE	C/NOTE
APPROVED:	S.BENNETT		
CHECKED:	S.FLOWER		
DRAWN:	R.ADDE		
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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technical@harwin.com

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TOLERANCES
X. = ±1mm
X.X = ±0.25mm
X.XX = ±0.10mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm²

TITLE: 1.27mm PITCH DIL VERTICAL
SMT SOCKET ASSY IN TAPE &
REEL WITH PICK AND PLACE CAP

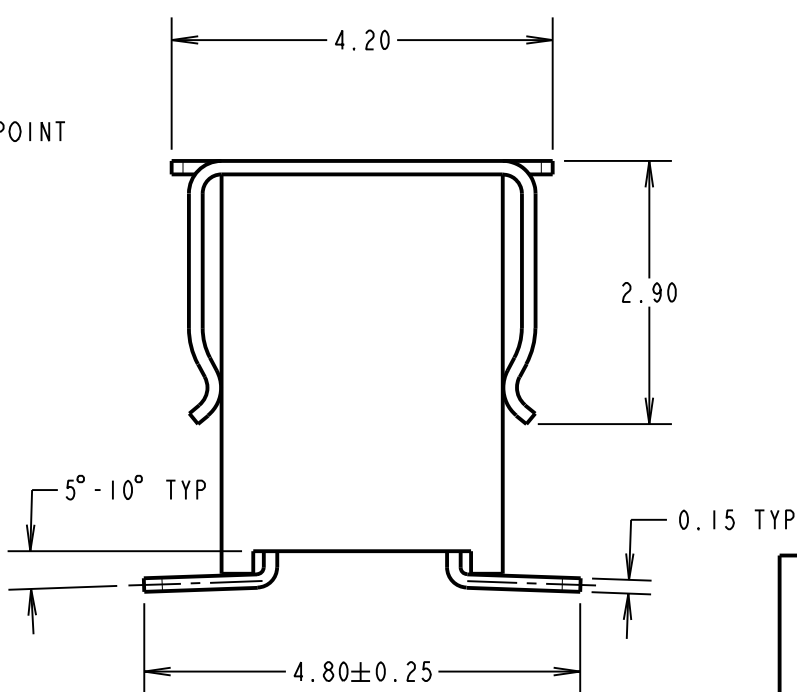
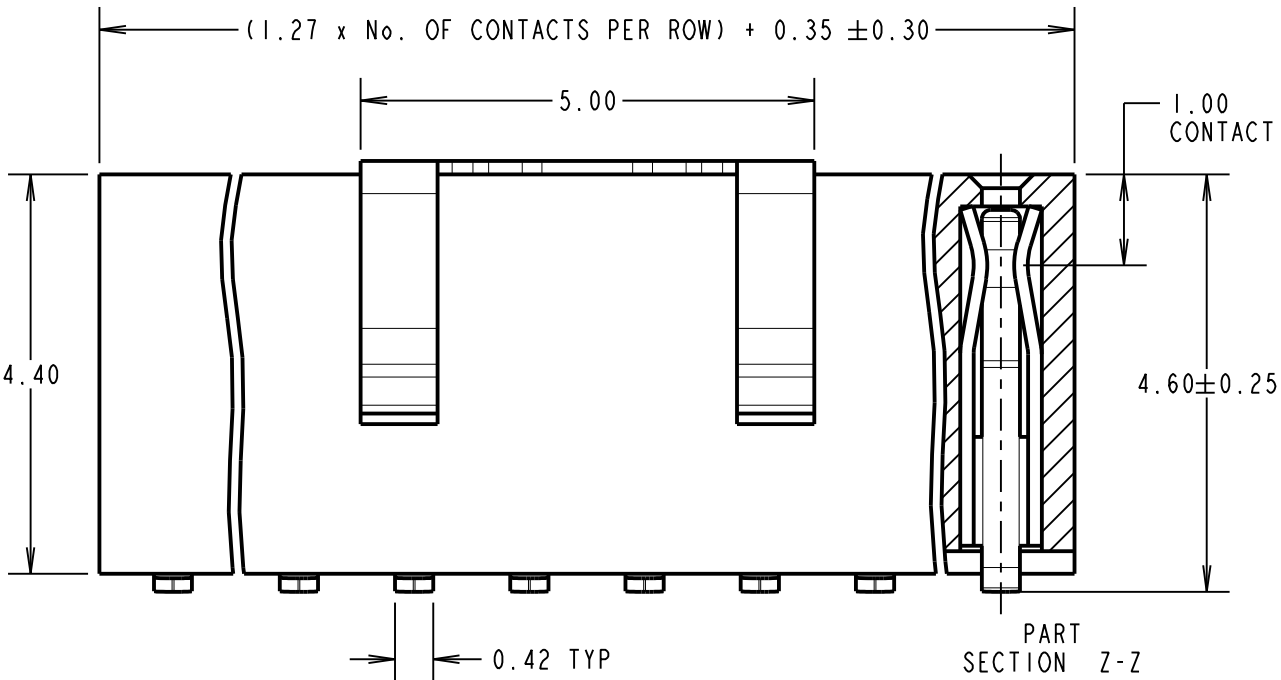
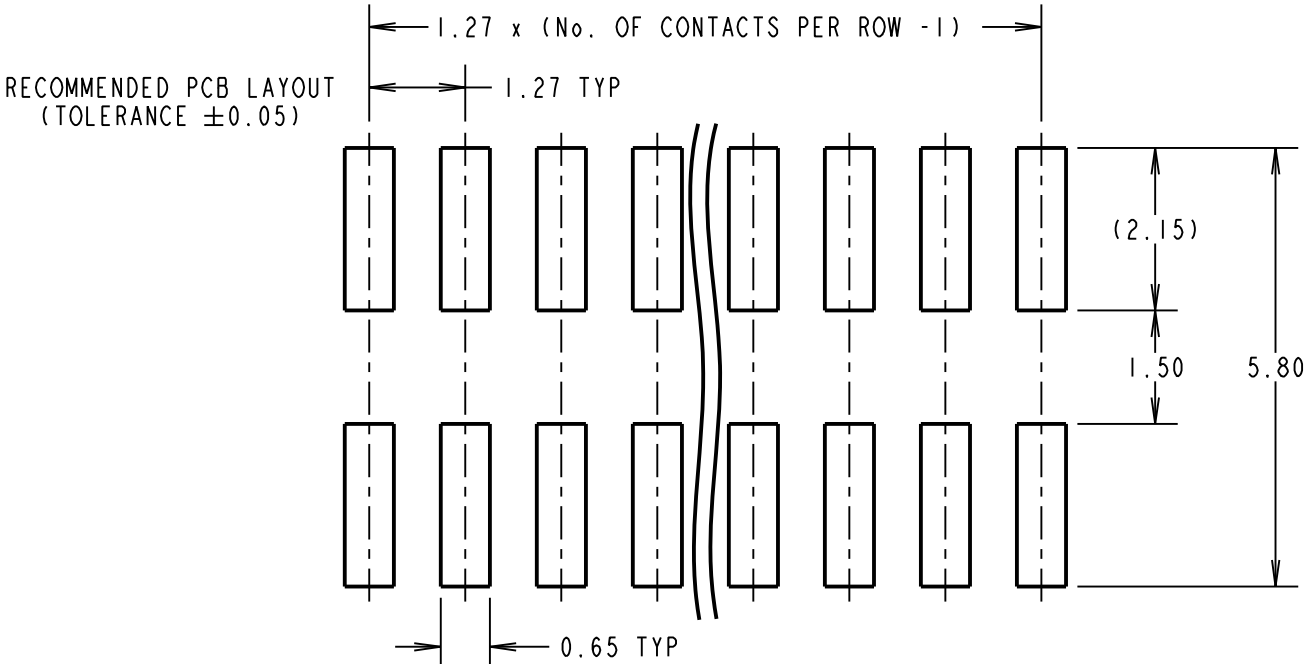
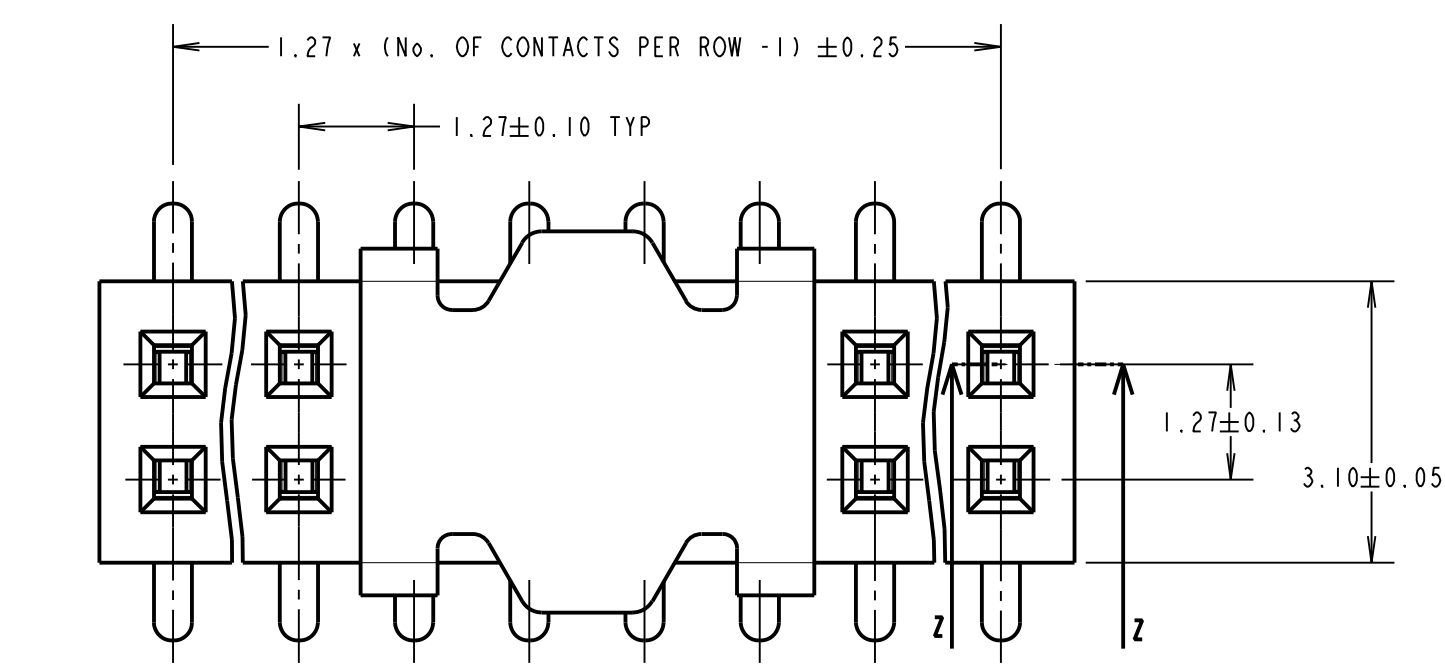
DRAWING NUMBER:

M50-310XX45R

SHT
3
OF
4

Customer Information Sheet

DRAWING No.: M50-310XX45R SHEET 4 OF 4 IF IN DOUBT - ASK © NOT TO SCALE THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm



SPECIFICATIONS:
MATERIAL:
MOULDING = NYLON 6T UL94V-0, BLACK
CONTACT = PHOSPHOR BRONZE
FINISH:
CONTACT = GOLD FLASH OVER NICKEL
ELECTRICAL:
VOLTAGE RATING = 250V AC/DC
CURRENT RATING = 1A
VOLTAGE PROOF = 300V AC, 500V DC FOR ONE MINUTE
CONTACT RESISTANCE = 20mΩ MAX INITIAL,
30mΩ MAX AFTER CONDITIONING
INSULATION RESISTANCE = 1000MΩ MIN
MECHANICAL:
DURABILITY = 100 CYCLES
INSERTION FORCE = 2N MAX PER CONTACT
WITHDRAWAL FORCE = 0.15N MIN PER CONTACT
ENVIRONMENTAL:
OPERATING TEMPERATURE = -40°C TO +105°C
PACKING:
TUBE
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C029XX (LATEST ISSUE)

ORDER CODE:
M50-310XX45R
No. OF CONTACTS PER ROW: 05, 10, 20, 25
FINISH: GOLD FLASH OVER NICKEL

SB	4	21.01.13	11828
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		S.FLOWER	
DRAWN:		R.ADDE	
CUSTOMER REF.:			
ASSEMBLY DRG:			

NOTES:
1. ALL TOLERANCES ARE ±0.12 UNLESS OTHERWISE STATED.
2. FOR TAPE AND REEL DETAILS, SEE SHEET 2.

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X.X = ±0.25mm
X.XX = ±0.10mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

MATERIAL:	SEE ABOVE
FINISH:	SEE ABOVE
S/AREA:	mm²

TITLE: 1.27mm PITCH DIL VERTICAL SMT SOCKET ASSY IN TAPE & REEL WITH PICK AND PLACE CAP	
DRAWING NUMBER:	SHT 4 OF 4
M50-310XX45R	

Mouser Electronics

Authorized Distributor

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

Harwin:

[M50-3100545R](#) [M50-3102045R](#) [M50-3101045R](#) [M50-3102545R](#)