SPECIFICATION FOR APPROVAL

DELEC		
MARKETING GROUP	R&D GROUP	QA GROUP
ISSUED BY	CHECKED BY	QA INSPECTION
Ryan	Victor	Liu Ting

CUSTOMER: _____

CUSTOMER PART NO: _____

SAMPLE Q'TY: _____

SAMPLE DATE: _____

CUSTOMER

CUSTOMER APPROVAL:

☐ APPROVAL ☐ CONCESSIONARY ☐ REJECTED

ISSUED BY : _____

CHECKED BY: _____

APPROVED BY: _____

COMMENTS : _____

_____

RoHS COMPLIANT

TITLE: QSFP28 2X4 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD			
PART NO.: DH10-5N3D009-01C				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2025-03-17	.X±0.20	.X±1°	SCALE: 1:1	REV:A
CHECK	Ryan	DATE	2025-03-17	.XX±0.15	.XX±5°	SHEET: 1/7	
APPROVE	Victor	DATE	2025-03-17	.XXX±0.10			

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ISSUE RECORD

REV	DESCRIPTION OF CHANGE	REVIEWED BY	APPROVED BY	ISSUE DATE
A	FIRST ISSUE	Ryan	Victor	2025-03-17

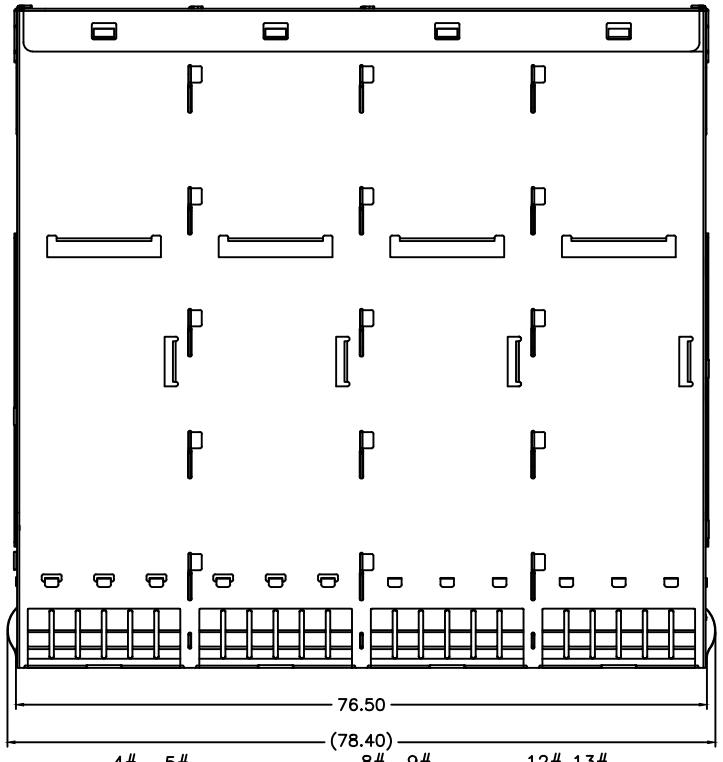
TITLE: QSFP28 2X4 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD			
PART NO.: DH10-5N3D009-01C				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2025-03-17	.X±0.20	.X±1°	SCALE: 1:1	SHEET: 2/7 REV:A
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APPROVE	Victor	DATE	2025-03-17	.XXX±0.10			

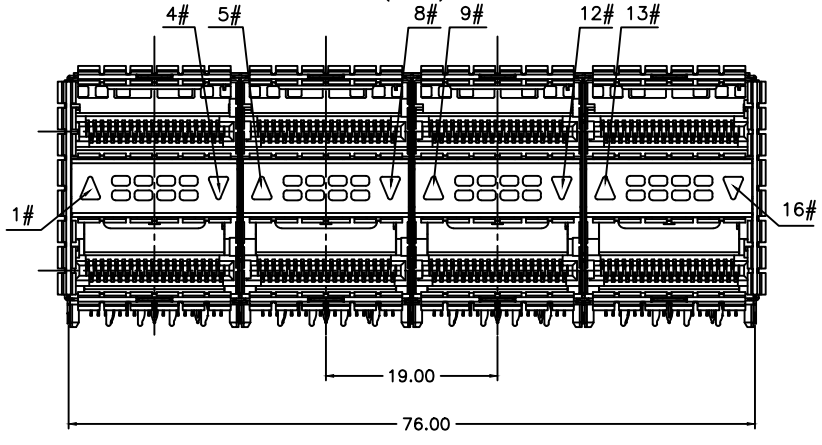
RoHS COMPLIANT

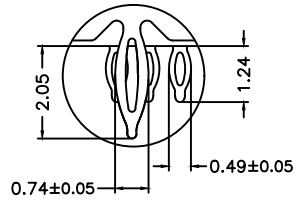
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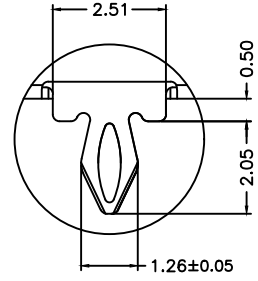
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DETAIL B
SCALE 5:1



DETAIL A
SCALE 5:1

NOTE:
MATERIAL:

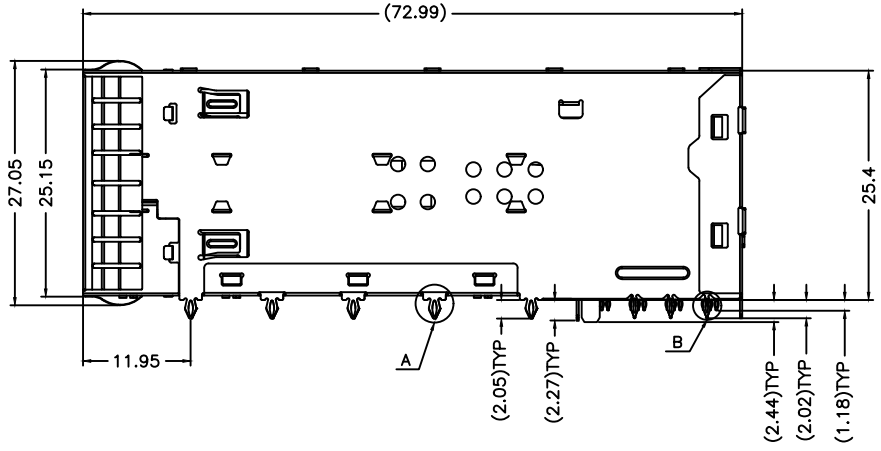
1. CONTACT: COPPER ALLOY.
2. HOUSING & COVER:
   HIGH TEMPERATURE PLASTIC UL 94V-0. COLOR: BLACK.
3. MOULDED INSERT:
   HIGH TEMPERATURE PLASTIC UL 94V-0. COLOR:BLACK.
4. CAGE:
   TOP CAGE: COPPER ALLOY T=0.25mm.
   BOTTOM CAGE:STAINLESS STEEL T=0.25mm.
   BACK CAGE:COPPER ALLOY T=0.25mm.
   MID CAGE:STAINLESS STEEL T=0.25mm.
5. EMI CLIP: COPPER ALLOY
6. LIGHT PIPES: POLYCARBONATE. UL 94V-0. COLOR:CLEAR

PLATED:

1. CONTACT AREA : PLATING GOLD 0.76 MICROMETERS MINIMUM OVER 1.27 MICROMETERS NICKEL.
2. CONTACT NEEDEL EYE: 2.54~5.08 MICROMETERS MATTE TIN OVER 1.27~2.54 MICROMETERS NICKEL.
3. TOP & BACK CAGE: 0.76~2.54 MICROMETERS NICKEL OVER ALL.
4. EMI CLIP: 0.76~2.54 MICROMETERS NICKEL OVER ALL.

ENVIRONMENTAL:

1. LOW LEVEL CONTACT RESITANCE(LLCR): ΔR 20 MILLIOHMS MAXIMUM.
2. WITHSTANDING VOLTAGE: 300V AC/MAXIMUM.
3. RATINGS CURRENT: 0.5 Amps MAXIMUM.
4. RATINGS VOLTAGE: 30 Volts AC(RMS)/DC MAX.
5. OPERATION: -40°C~+85°C.
6. STORAGE: -40°C~+85°C.
7. ROHS COMPLIANT



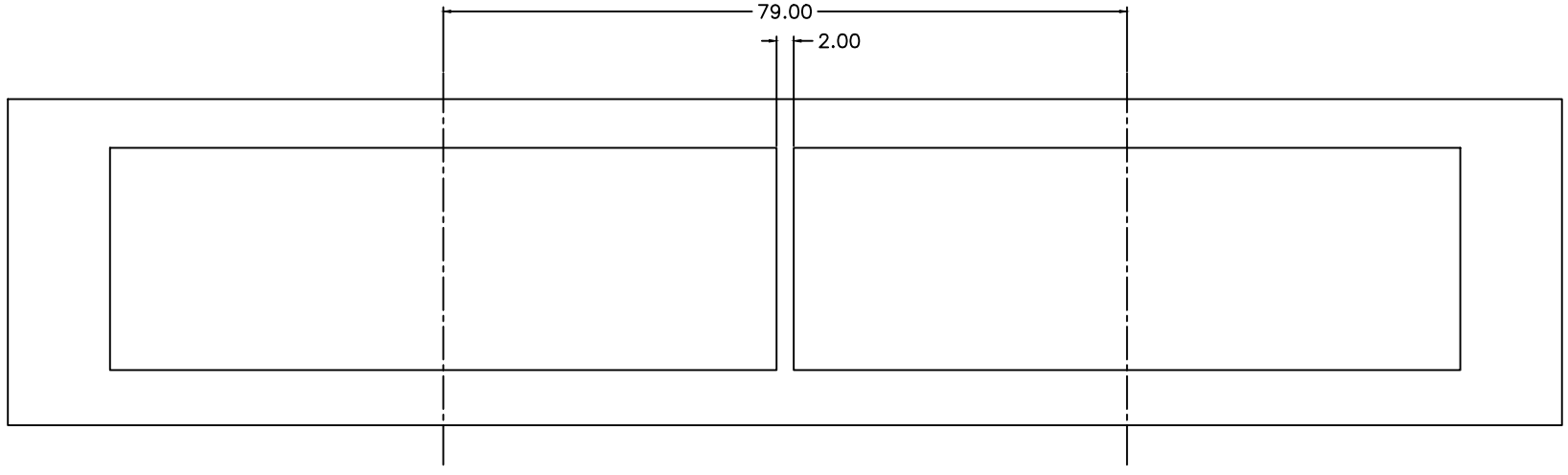
RoHS COMPLIANT

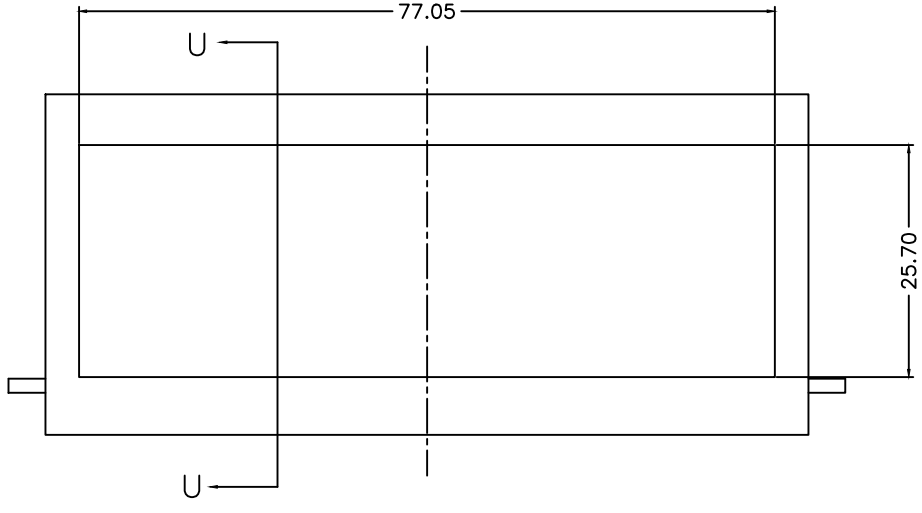
TITLE: QSFP28 2X4 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD			
PART NO.: DH10-5N3D009-01C				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2025-03-17	.X±0.20	.X±1°	SCALE: 1:1	REV:A
CHECK	Ryan	DATE	2025-03-17	.XX±0.15	.XX±5°	SHEET: 3/7	
APPROVE	Victor	DATE	2025-03-17	.XXX±0.10			

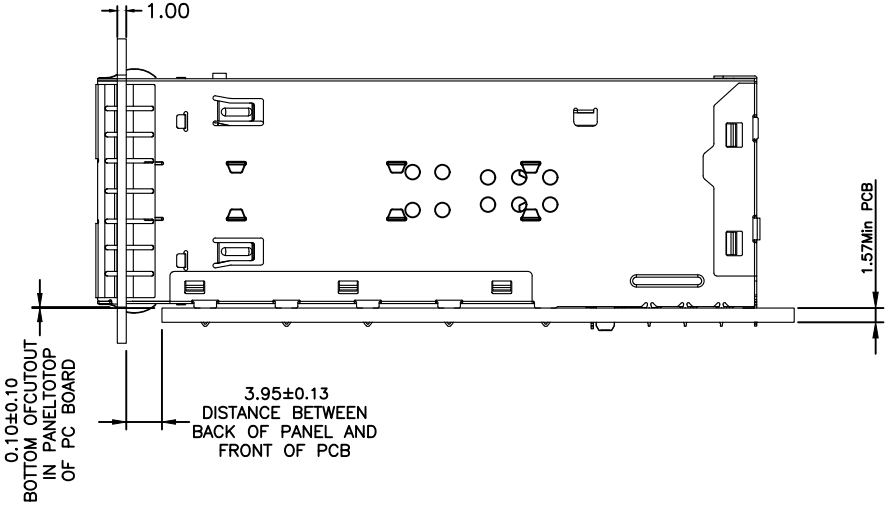
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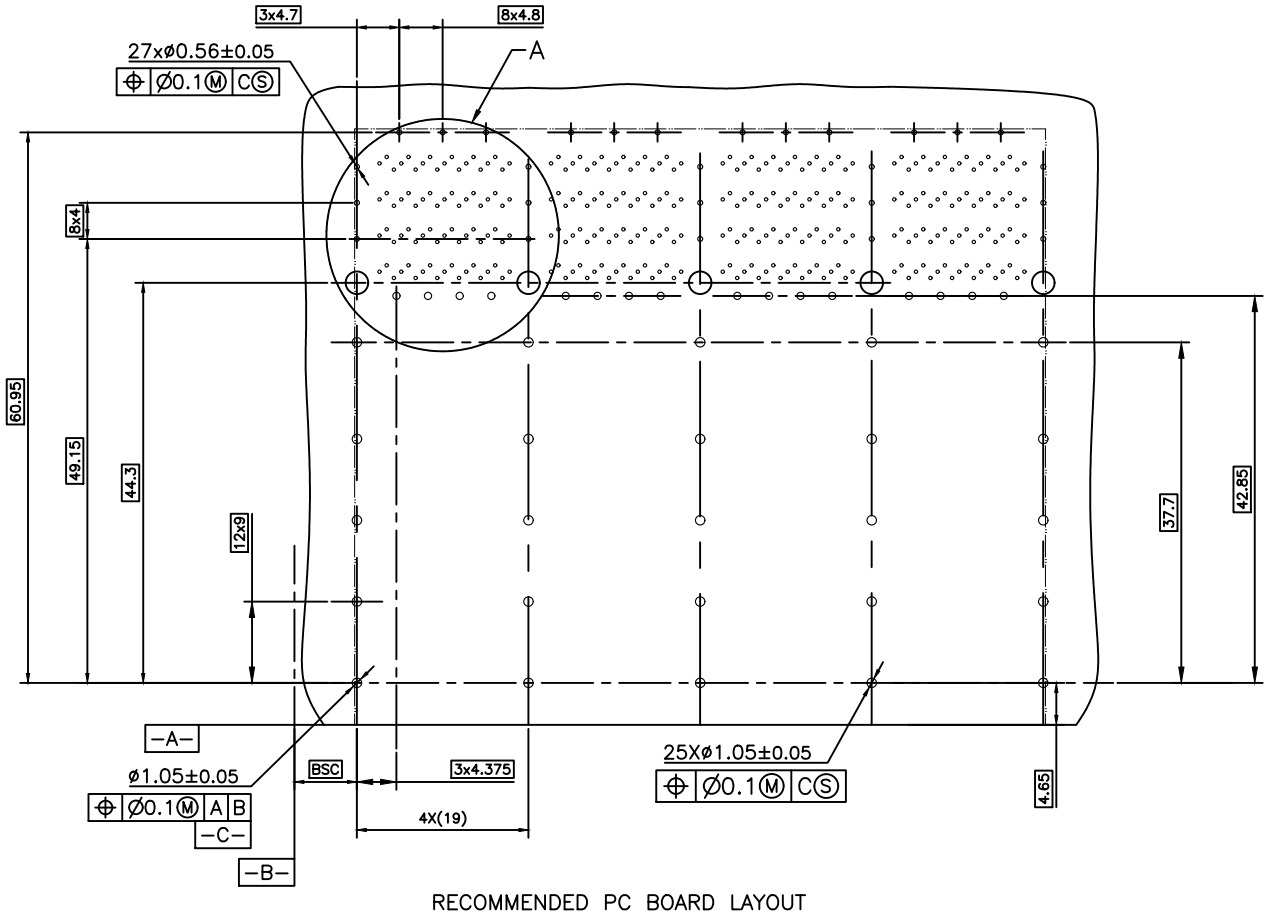
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PART NO.: DH10-5N3D009-01C				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
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CHECK	Ryan	DATE	2025-03-17	.XX±0.15	.XX±5°		
APPROVE	Victor	DATE	2025-03-17	.XXX±0.10			

RoHS COMPLIANT

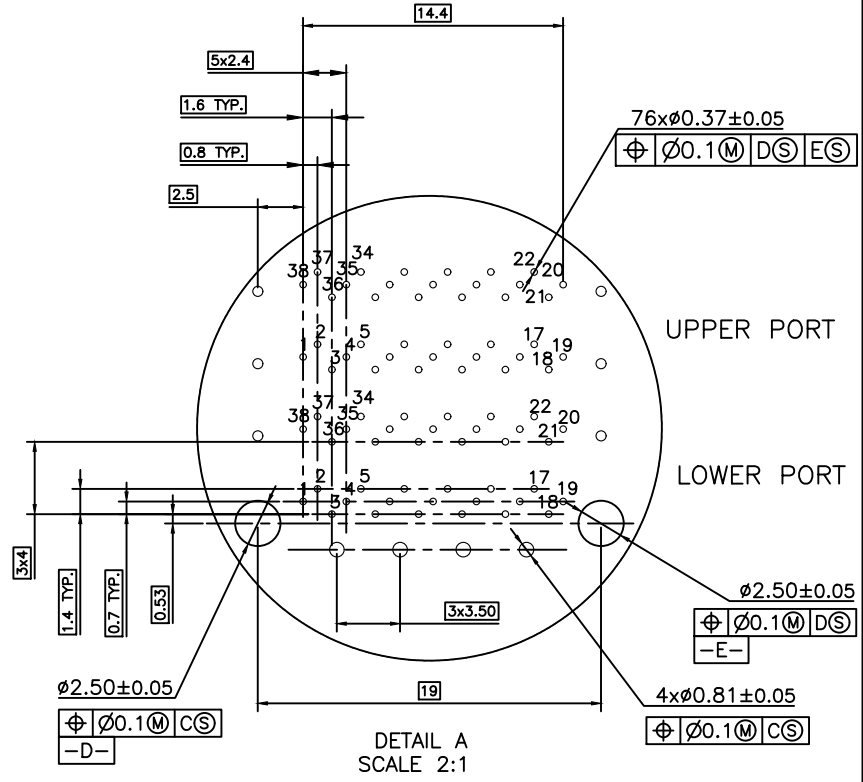
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RECOMMENDED PC BOARD LAYOUT
COMPONENT SIDE OF BOARD
(PCB TOLERANCE:±0.05)

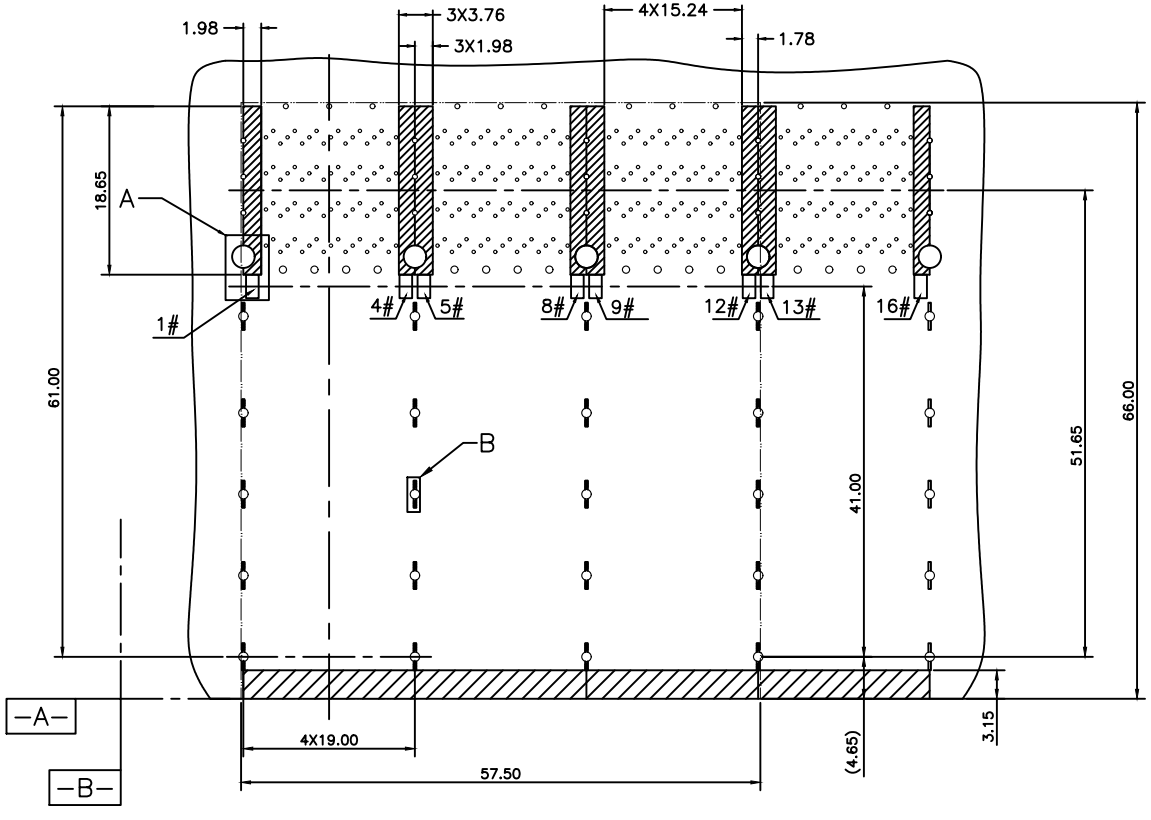


DETAIL A
SCALE 2:1

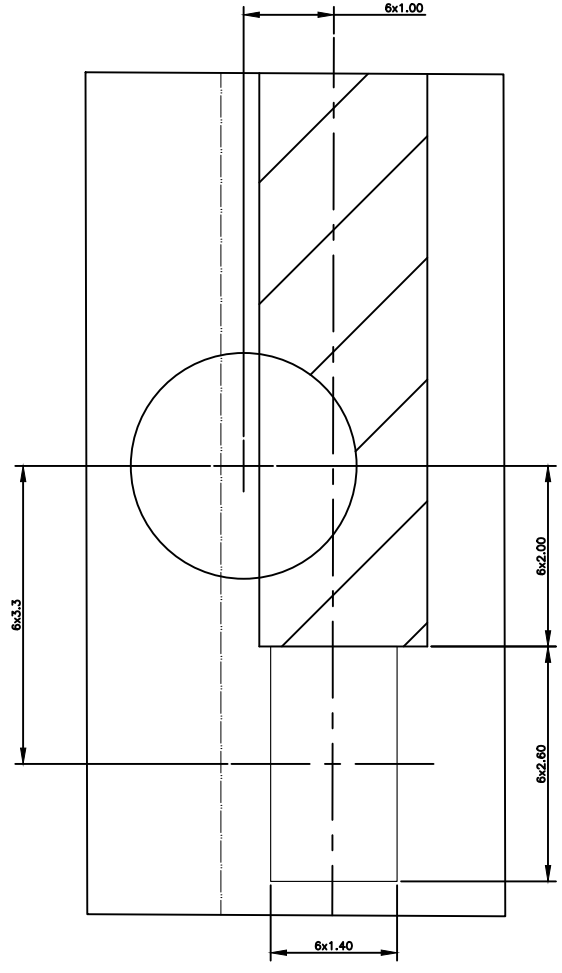
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CHECK	Ryan	DATE	2025-03-17	.XX±0.15	.XX±5°	SHEET: 5/7	
APPROVE	Victor	DATE	2025-03-17	.XXX±0.10			

RoHS COMPLIANT

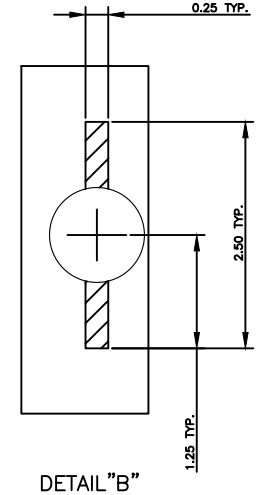
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KEEPOUT AREAS FOR 2 LP APPLICATION
COMPONENT SIDE OF BOARD



DETAIL"A"
10:1



DETAIL"B"
10:1

RoHS COMPLIANT

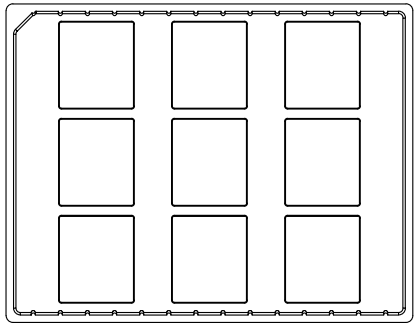
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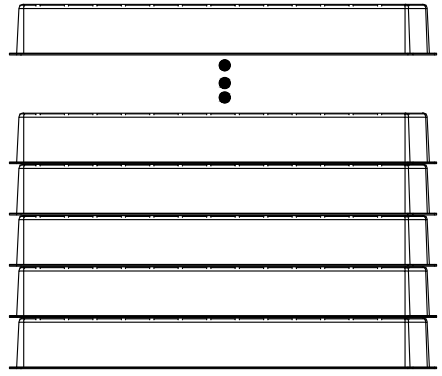
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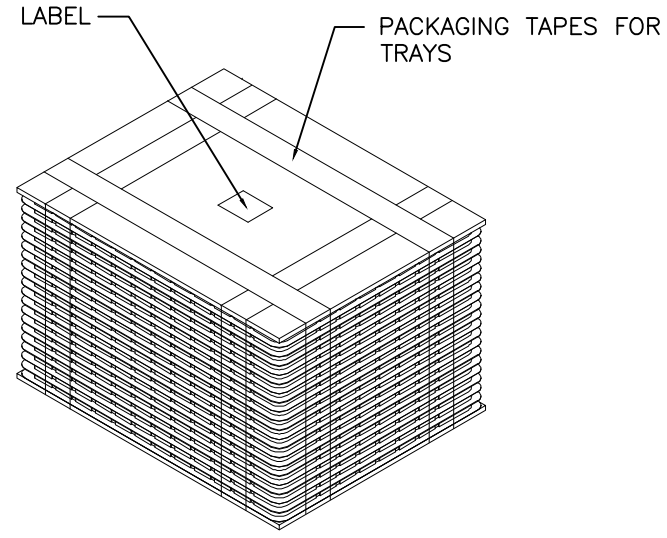
PACKAGE INFORMATION AND LABLE



1. 9PCS PRODUCTS IN TRAYS



2. 4PCS TRAYS OVERLAY:
(THE NEXT TRAY NEED ROTATE 180 DEGREE AND PUT IT ON PREVIOUS TRAY.)
(相邻两个吸塑间水平方向成180度摆放)



3. LABEL & PACKAGING TAPES FOR TRAYS:



4. LABEL & PACKAGING TAPES FOR BOX

PACKAGING LISTS	
ITEM	Q'TY
PRODUCT	36 PCS
TRAY	4 PCS
BOX(L340*W265*H200MM)	1 PCS
LABLE	2 PCS
PACKAGING TAPES	8 M (ABOUT)

RoHS COMPLIANT

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