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 : _____

_____

TITLE	QSF28 2×1 CAGE WITH INTEGRATED CONNECTOR			DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD			
PART NO.	DH10-5N3A009-05C			GENERAL TOLERANCE		UNIT:MM(INCH)	SIZE: A4
DRAW	Ryan	DATE	2026-08-04	.X±0.25	.X±1°	SCALE: 1:1	SHEET: 1/7 REV:A
CHECK	Ryan	DATE	2026-08-04	.XX±0.20	.XX±0.5°		
APPROVE	Victor	DATE	2026-08-04	.XXX±0.10			

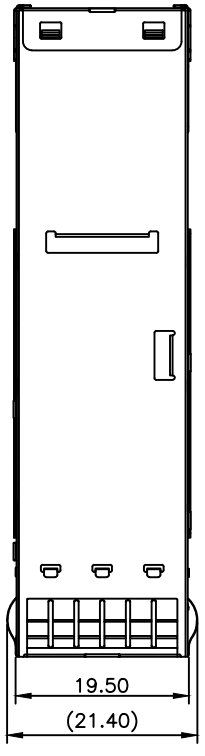
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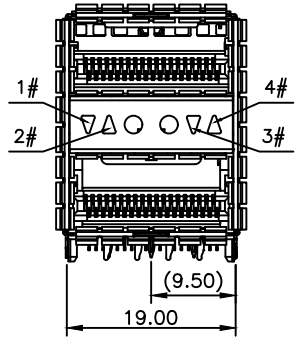
ISSUE RECORD

REV	DESCRIPTION OF CHANGE	REVIEWED BY	APPROVED BY	ISSUE DATE
A	FIRST ISSUE	Ryan	Victor	2026-08-04

TITLE	QSF28 2×1 CAGE WITH INTEGRATED CONNECTOR			DELEC	东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD		
PART NO.	DH10-5N3A009-05C			GENERAL TOLERANCE		UNIT:MM(INCH)	SIZE: A4
DRAW	Ryan	DATE	2026-08-04	.X±0.25	.X±1°	SCALE: 1:1	SHEET: 2/7 REV:A
CHECK	Ryan	DATE	2026-08-04	.XX±0.20	.XX±0.5°		
APPROVE	Victor	DATE	2026-08-04	.XXX±0.10			

PRODUCT DRAWING Ⓑ COPYRIGHT 2010 BY DUOYA CONNECTOR CORPORATION

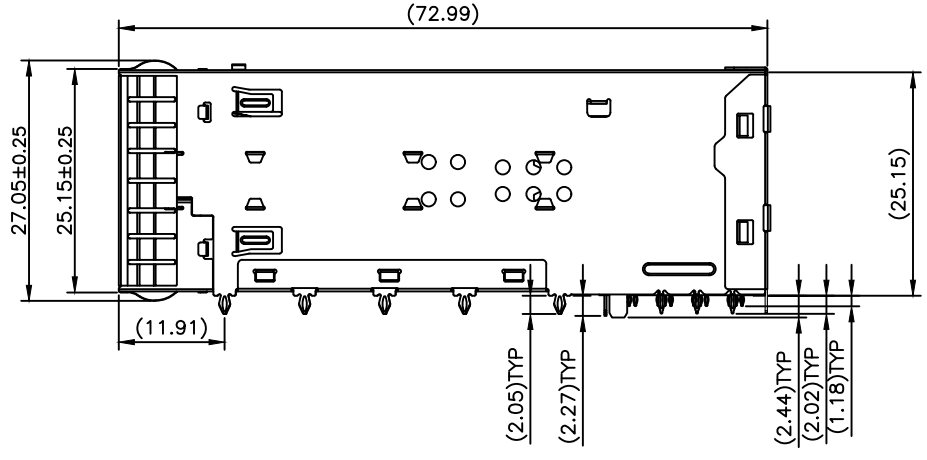




NOTE:
MATERIAL:
1. CONTACT: COPPER ALLOY.
2. HOUSING & COVER:
HIGH TEMPERATURE PLASTIC UL 94V-0. COLOR: BLACK.
3. MOULDED INSERT:
HIGH TEMPERATURE PLASTIC UL 94V-0. COLOR:BLACK.
4. CAGE:
TOP CAGE: COPPER ALLOY T=0.25mm.
BOTTOM CAGE:STAINLESS STEEL T=0.25mm.
BACK CAGE:COPPER ALLOY T=0.25mm.
MID CAGE:STAINLESS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

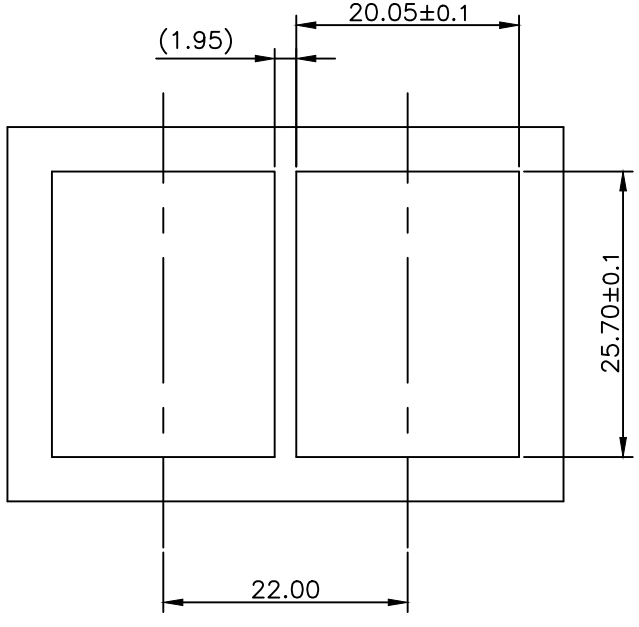
PLATED:
1. CONTACT AREA : PLATING GOLD 0.76 MICROMETERS MINIMUM OVER 1.27 MICROMETERS NICKEL.
2. CONTACT NEEDEL EYE: 2.54~5.08 MICROMETERS MATTE TIN OVER 1.27~2.54 MICROMETERS NICKEL.
3. TOP & BACK CAGE: 0.76~2.54 MICROMETERS NICKEL OVER ALL.
4. EMI CLIP: 0.76~2.54 MICROMETERS NICKEL OVER ALL.

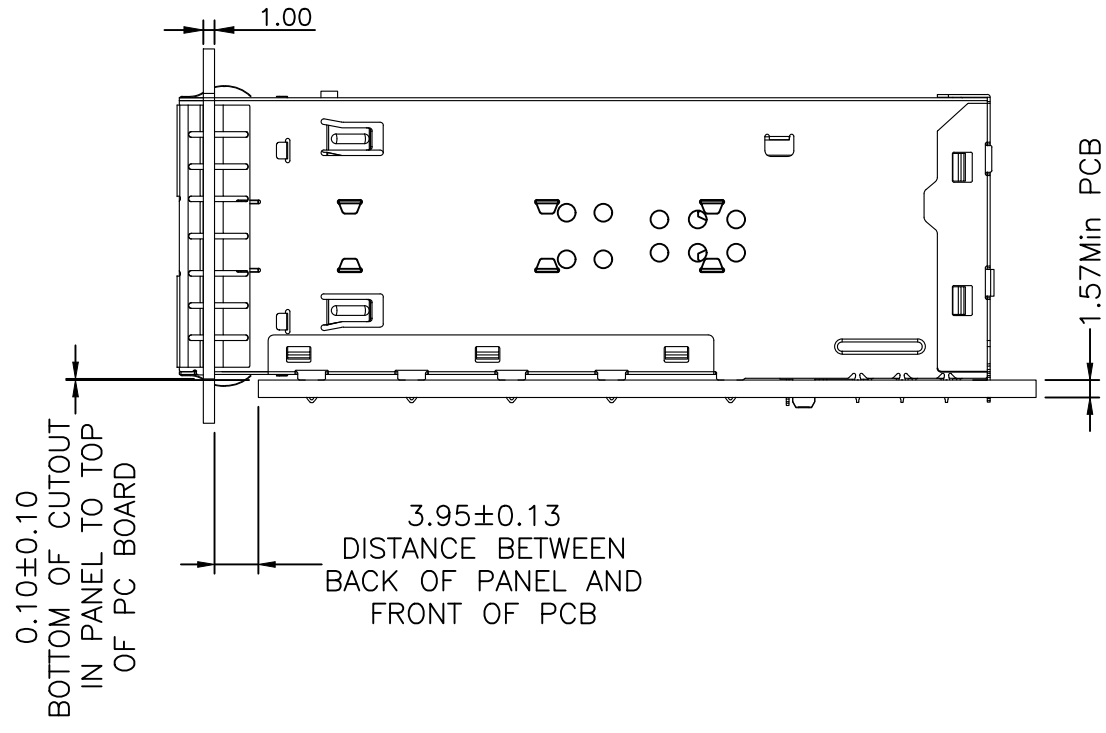
ENVIRONMENTAL:
1. LOW LEVEL CONTACT RESITANCE(LLCR): △R 20 MILLIOHMS MAXIMUM.
2. WITHSTANDING VOLTAGE: 300V AC/MAXIMUM.
3. RATINGS CURRENT: 0.5 Amps MAXIMUM.
4. RATINGS VOLTAGE: 30 Volts AC(RMS)/DC MAX.
5. OPERATION: -40°C~+85°C.
6. STORAGE: -40°C~+85°C.
7. ROHS COMPLIANT



TITLE: QSF28 2×1 CAGE WITH INTEGRATED CONNECTOR				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD			
PART NO.: DH10-5N3A009-05C				GENERAL TOLERANCE		UNIT:MM(INCH)	SIZE: A4
DRAW	Ryan	DATE	2026-08-04	.X±0.25	.X±1°	SCALE: 1:1	SHEET: 3/7 REV:A
CHECK	Ryan	DATE	2026-08-04	.XX±0.20	.XX±0.5°		
APPROVE	Victor	DATE	2026-08-04	.XXX±0.10			

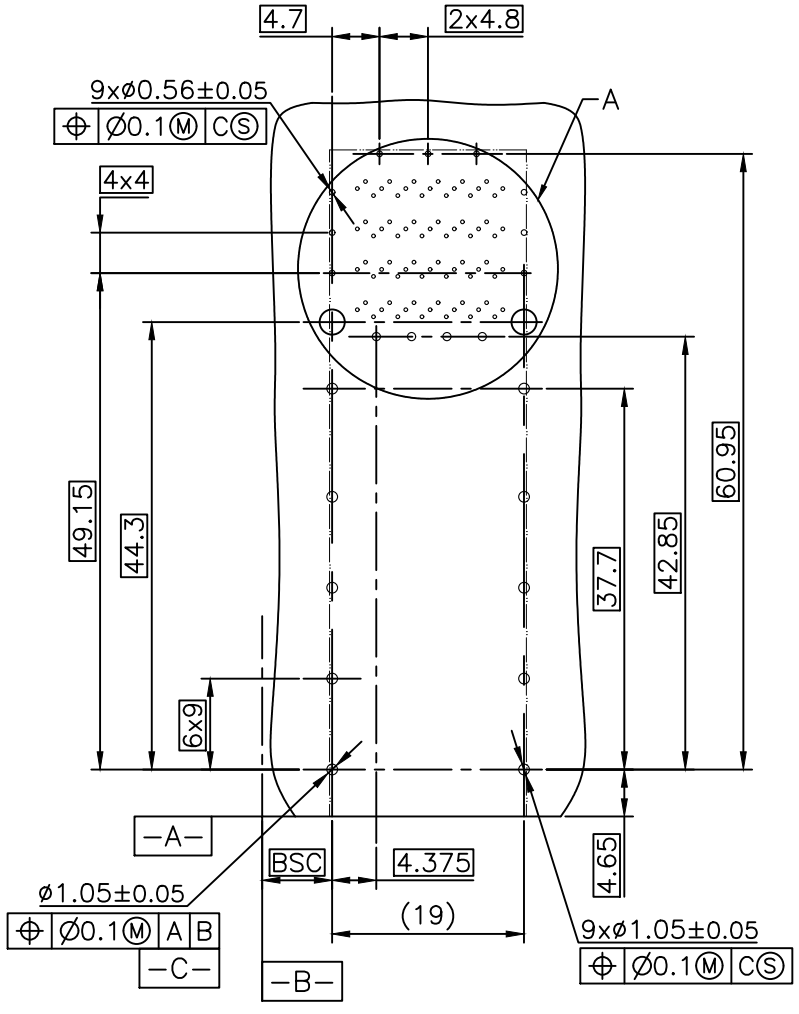
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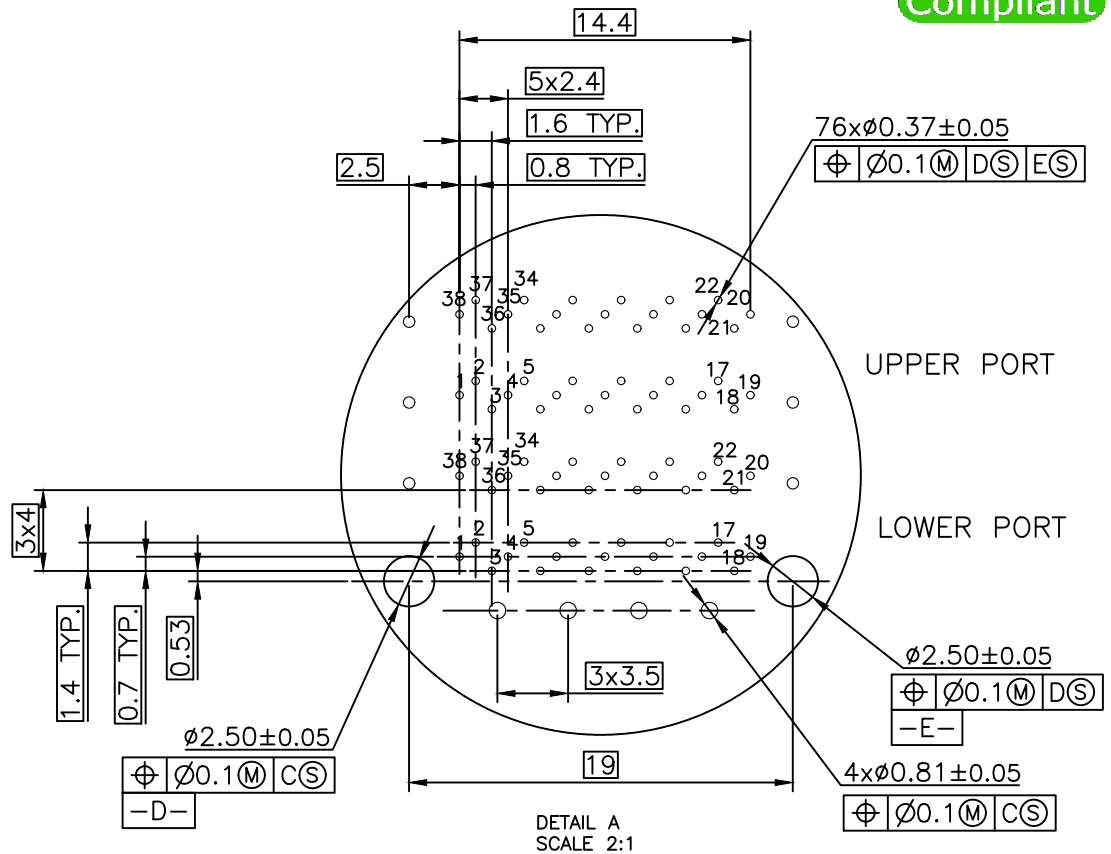


TITLE: QSF28 2×1 CAGE WITH INTEGRATED CONNECTOR				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD	
PART NO.: DH10-5N3A009-05C				GENERAL TOLERANCE	UNIT:MM(INCH) / SIZE: A4
DRAW	Ryan	DATE	2026-08-04	.X±0.25 / .X±1°	SCALE: 1:1 / SHEET: 4/7 / REV:A
CHECK	Ryan	DATE	2026-08-04	.XX±0.20 / .XX±0.5°	
APPROVE	Victor	DATE	2026-08-04	.XXX±0.10	

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

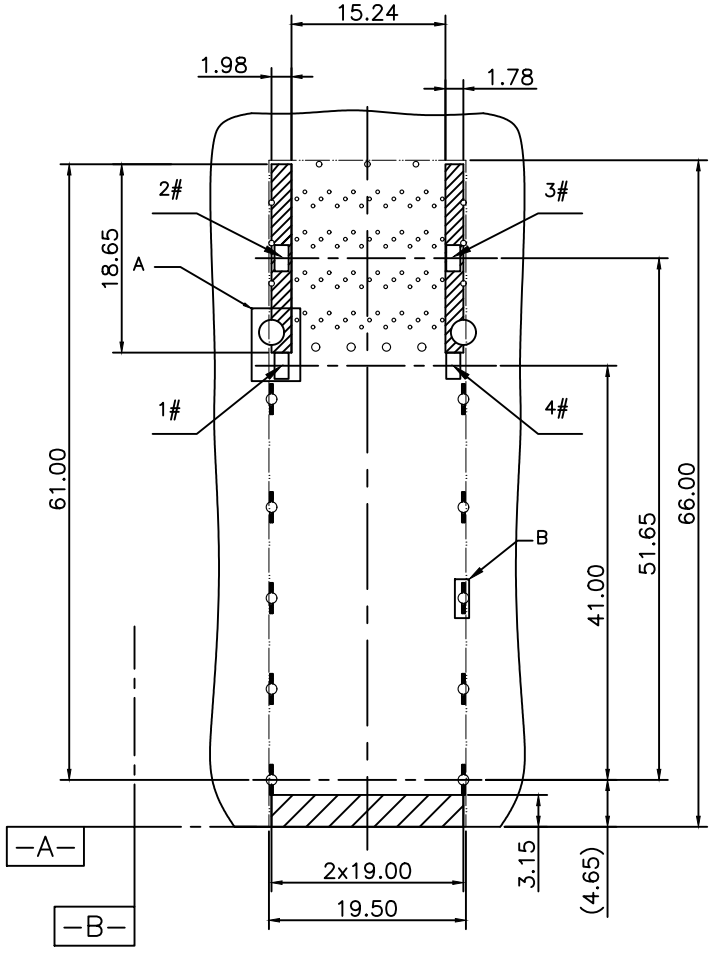


DETAIL A
SCALE 2:1

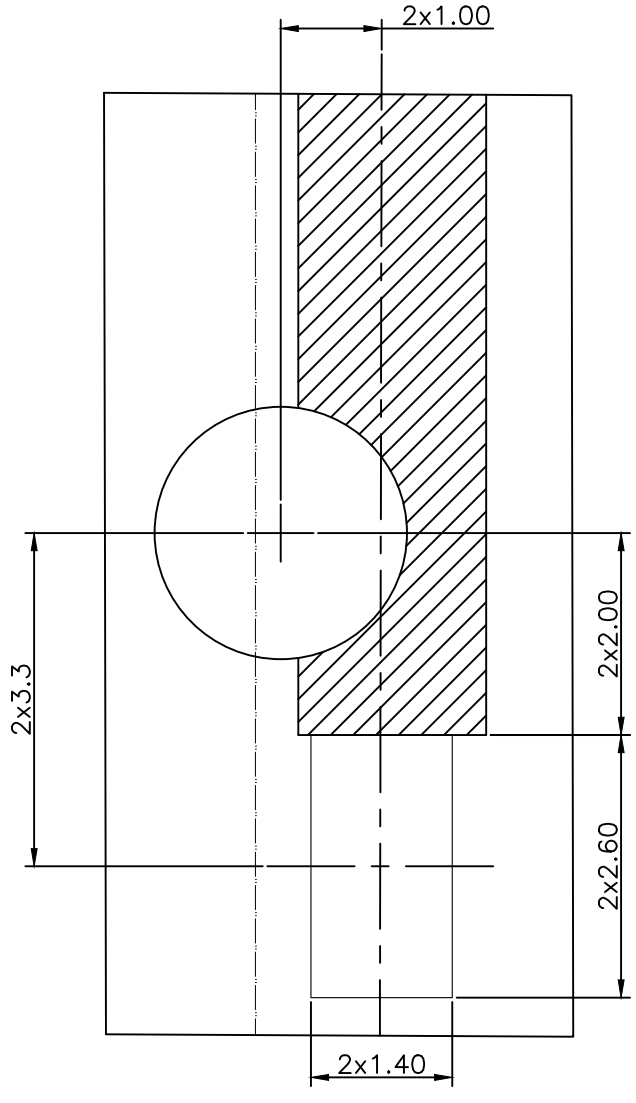
RoHS Compliant

TITLE: QSF28 2×1 CAGE WITH INTEGRATED CONNECTOR				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD			
PART NO.: DH10-5N3A009-05C				GENERAL TOLERANCE		UNIT:MM(INCH)	SIZE: A4
DRAW	Ryan	DATE	2026-08-04	.X±0.25	.X±1°	SCALE: 1:1	SHEET: 5/7 REV:A
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APPROVE	Victor	DATE	2026-08-04	.XXX±0.10			

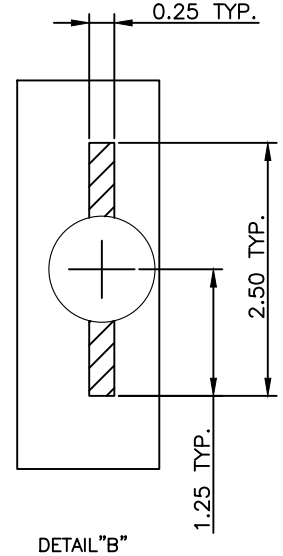
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KEEPOUT AREAS FOR 2 LP APPLICATION
COMPONENT SIDE OF BOARD



DETAIL"A"
10:1



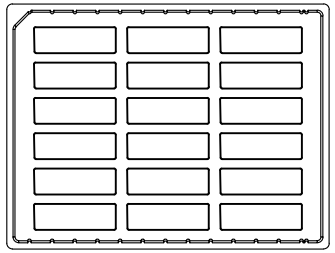
DETAIL"B"
10:1

RoHS Compliant

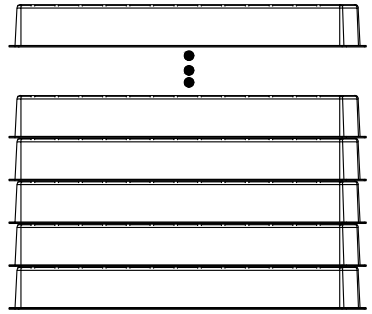
TITLE: QSF28 2×1 CAGE WITH INTEGRATED CONNECTOR				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD	
PART NO.: DH10-5N3A009-05C				GENERAL TOLERANCE	UNIT:MM(INCH) / SIZE: A4
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CHECK	Ryan	DATE	2026-08-04	.XX±0.20 / .XX±0.5°	
APPROVE	Victor	DATE	2026-08-04	.XXX±0.10	

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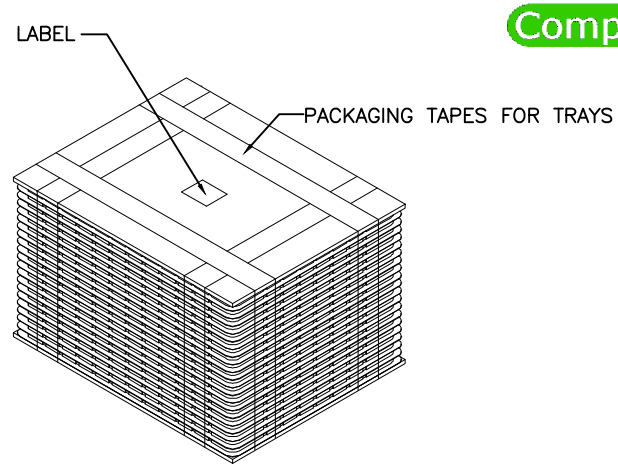
PACKAGE INFORMATION AND LABLE



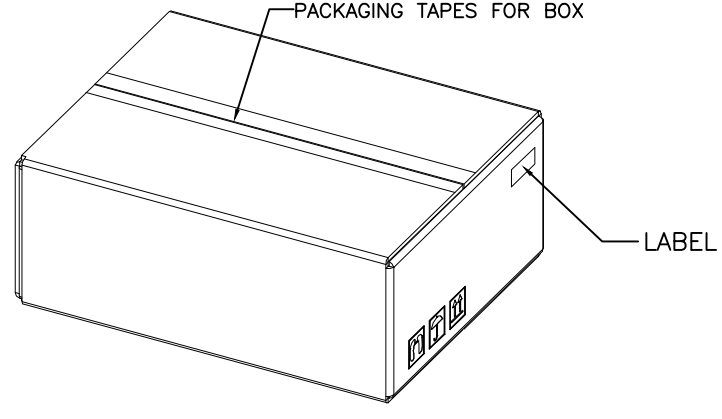
1. 18PCS PRODUCTS IN TRAYS



2. 5PCS 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	90 PCS
TRAY	5 PCS
BOX(L340*W265*H200MM)	1 PCS
LABLE	2 PCS
PACKAGING TAPES	8 M (ABOUT)

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CHECK	Ryan	DATE	2026-08-04	.XX±0.20 / .XX±0.5°	
APPROVE	Victor	DATE	2026-08-04	.XXX±0.10	

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