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 1X2 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD			
PART NO. DH10-5N32100-10N				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2025-09-11	.X±0.30	.X±1°	SCALE: 1:1	REV:A
CHECK	Ryan	DATE	2025-09-11	.XX±0.20	.XX±5°	SHEET: 1/7	
APPROVE	Victor	DATE	2025-09-11	.XXX±0.10			

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ISSUE RECORD

REV	DESCRIPTION OF CHANGE	REVIEWED BY	APPROVED BY	ISSUE DATE
A	FIRST ISSUE	Aaron	Victor	2025-09-11

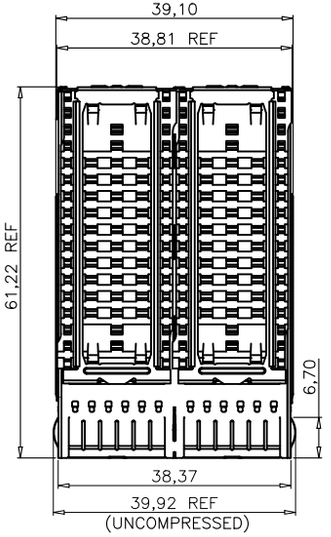
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PART NO.: DH10-5N32100-10N				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
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RoHS COMPLIANT

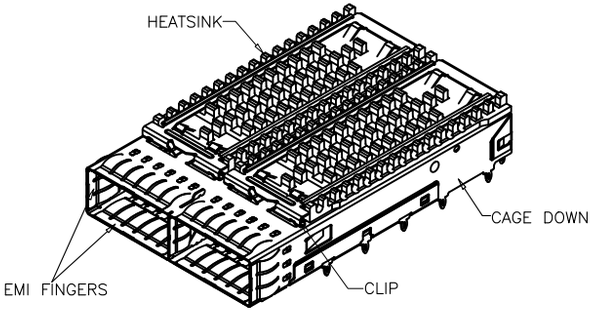
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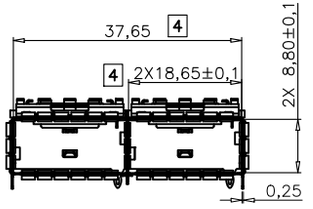
EMAIL: MAILBOX@DELEC.COM.CN WEB SITE: HTTP://WWW.DELEC.COM.CN

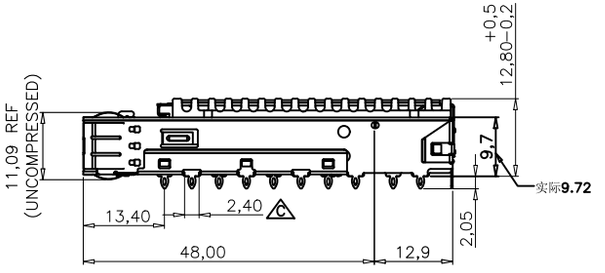
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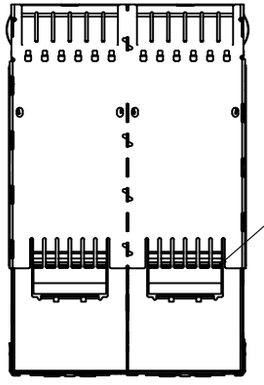


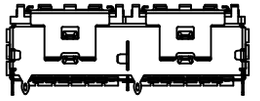
WITH HATSINK

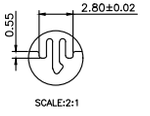












1. MATERIALS:
   CAGE UP: COPPER ALLOY C7701, 0.25 THICKNESS
   CAGE DOWN: COPPER ALLOY C7701, 0.25 THICKNESS
   PARTITION: COPPER ALLOY C7701, 0.25 THICKNESS
   EMI FINGERS: COPPER ALLOY C7701, 0.06 THICKNESS
   HEATSINK: ALUMINUM
   HEATSINK CLIP: STAINLESS STEEL

2. SURFACE FINISH:
   BODY CAGE: 20U'' MIN NI PLATED
   EMI SPRING FINISH: 20U'' MIN NI PLATED
   HEATSINK FINISH: BLACK ANODIZED
   HEATSINK CLIP FINISH: CLEANING

3. MATE WITH QSFP MSA COMPATIBLE TRANSCEIVER.

4. INSIDE SURFACE OF CASKET WHEN FULLY COMPRESSED.

5. REFERENCE DOCUMENTS:
   PRODUCT SPECIFICATION: SFF-8663

6. THIS PRODUCT COMPLY TO ROHS DIRECTIVE 2011/75/EU.

DH10-5N32 X X X - X 0 N
1 2 3 4

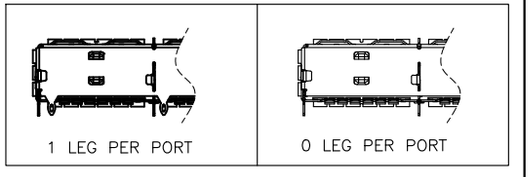
1.REAR LEGS:
0=W/O REAR LEG
1=W/ 1 REAR LEG

2.LIGHT PIPE & CAP OPTION:
0=W/O Light Pipe, W/O CAP
1=W/ Light Pipe, W/O CAP
2=W/ Light Pipe, W/ CAP

3.LIGHT PIPE DIM "A" & PLATING OPTION:
0=W/O Light Pipe
1=DIM A=10.7mm, W/O Silver Color plating
2=DIM "A"=9.7mm, W/O Silver Color plating
3=DIM A=10.7mm, W/Silver Color plating
4=DIM "A"=9.7mm, W/Silver Color plating

4.PROCESS OPTION:
0=W/O Heatsink, Open Top
1=W/PCI(Heatsink 4.2mm)
2=W/SAN(Heatsink 6.5mm)
3=W/Networking(Heatsink 13.5mm)

REAR LEGS OPTIONALS



REMARK: APPLIES TO ALL CAGES IN THIS DRAWING

RoHS COMPLIANT

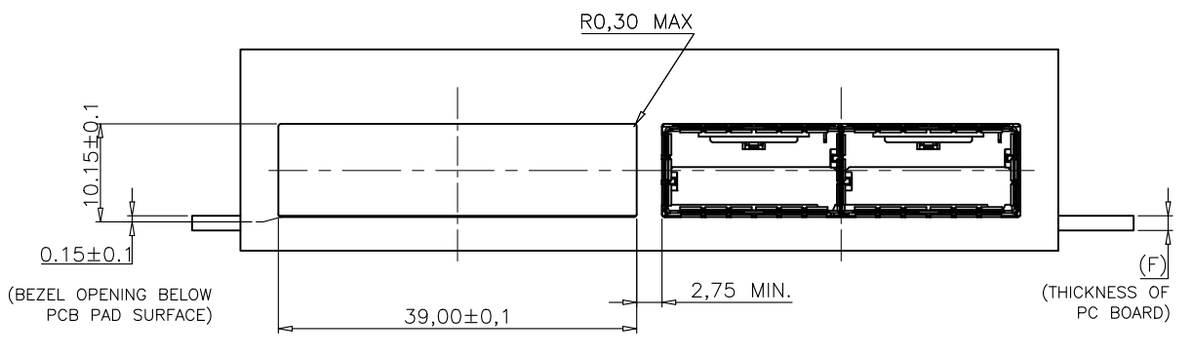
TITLE: QSFP28 1X2 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD				
PART NO.: DH10-5N32100-10N				GENERAL TOLERANCE			UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2025-09-11	.X±0.30	.X±1°	SCALE: 1:1	SHEET: 3/7	REV:A
CHECK	Ryan	DATE	2025-09-11	.XX±0.20	.XX±5°			
APPROVE	Victor	DATE	2025-09-11	.XXX±0.10				

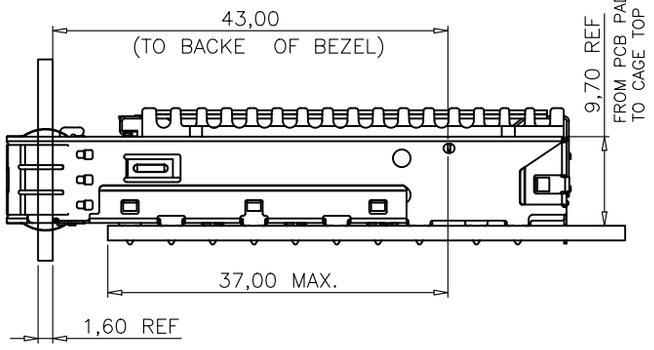
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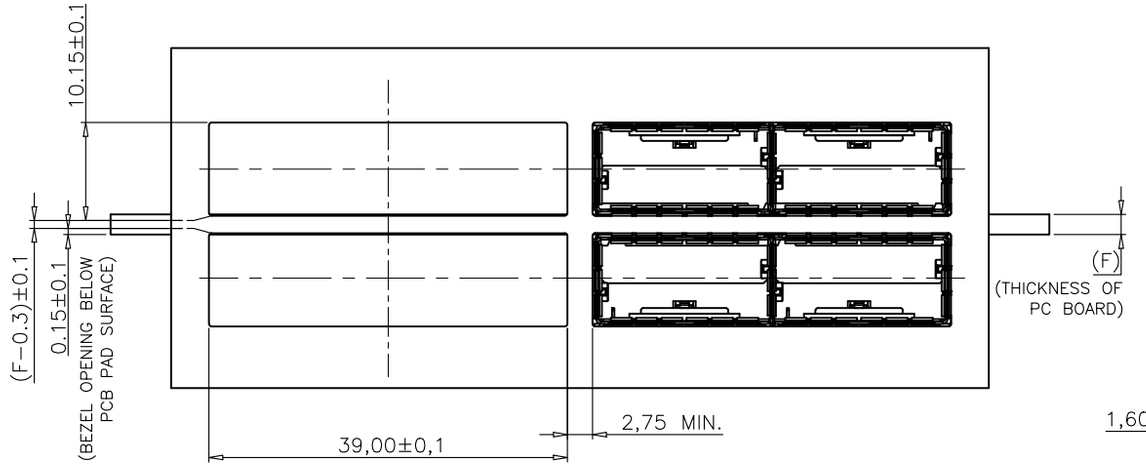
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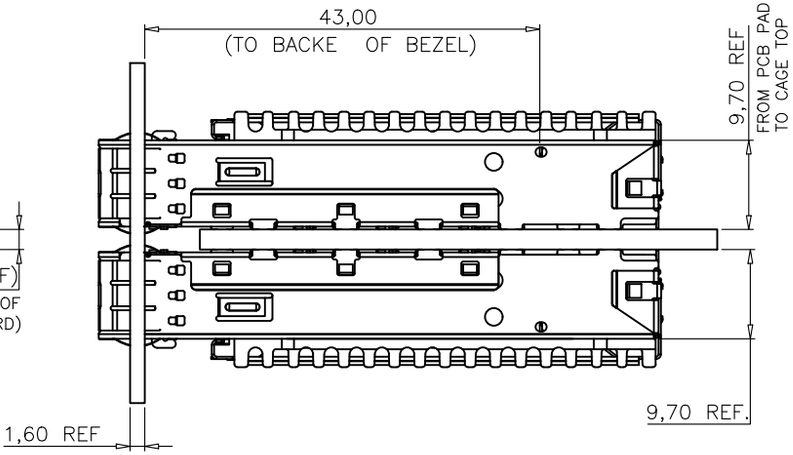
BEZEL AND BOARD POSITION DIMENSION
FOR SINGLE SIDE MOUNTING





BEZEL AND BOARD POSITION DIMENSION
FOR BELLY TO BELLY MOUNTING





NOTES:

1. THE NORMAL THICKNESS OF CUSTOMER SUPPLIED PC BOARD.(DIM. "F")
   SINGLE SIDED PC BOARD THICKNESS: 1.60mm MIN.
   BELLY TO BELLY PC BOARD THICKNESS: 3.0mm MIN.
2. GENERAL TOLERANCE: ±0.05.

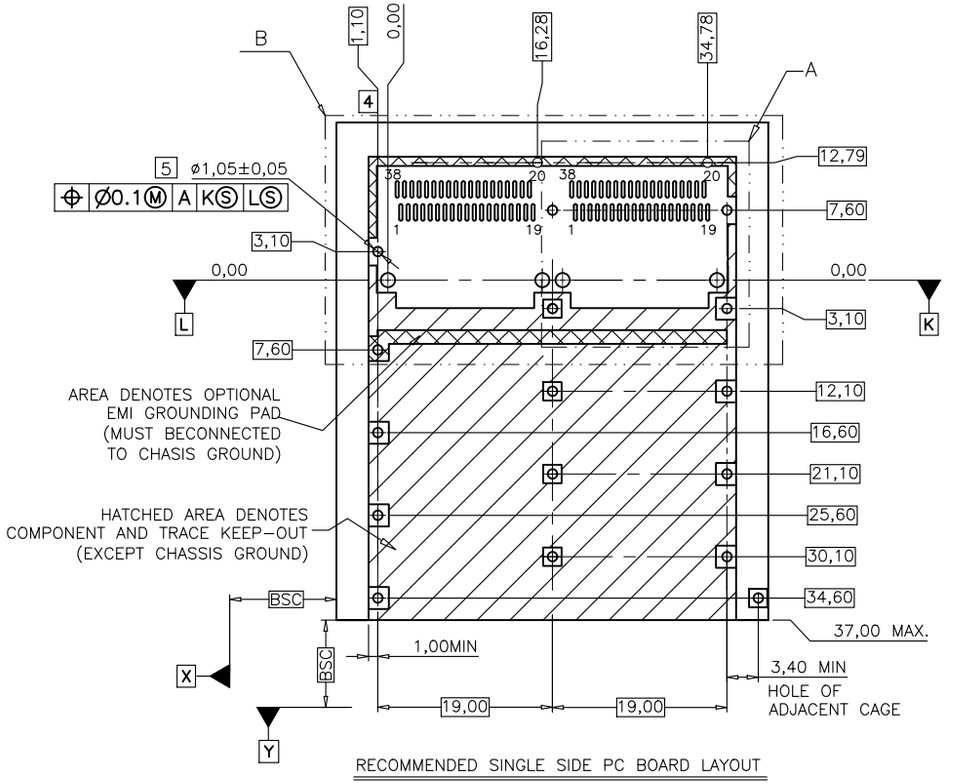
RoHS COMPLIANT

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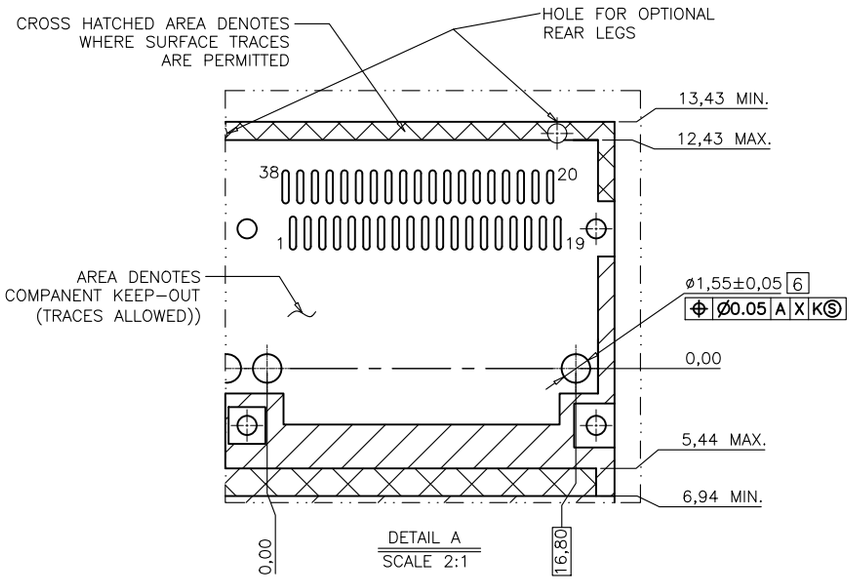
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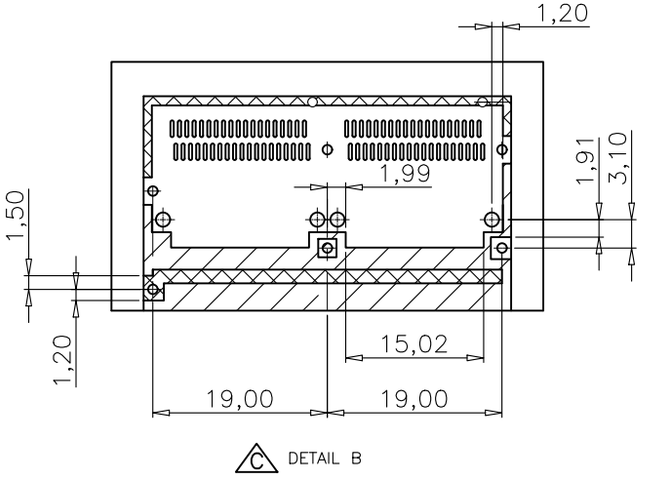
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RECOMMENDED SINGLE SIDE PC BOARD LAYOUT





C DETAIL B

NOTES:

1. DATUM X & Y ARE ESTABLISHED BY THE CUSTOMER'S FIDUCIAL
2. DATUM A IS THE TOP SURFACE OF THE HOST BOARD
3. LOCATION OF THE EDGE OF PCB IS APPLICATION SPECIFIC
4. BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE.
5. FINISHED HOLE SIZE
6. UNPLATED THRU HOLE.
7. REFER TO SFF8662 FOR CONNECTOR FOOTING DIMENSIONS

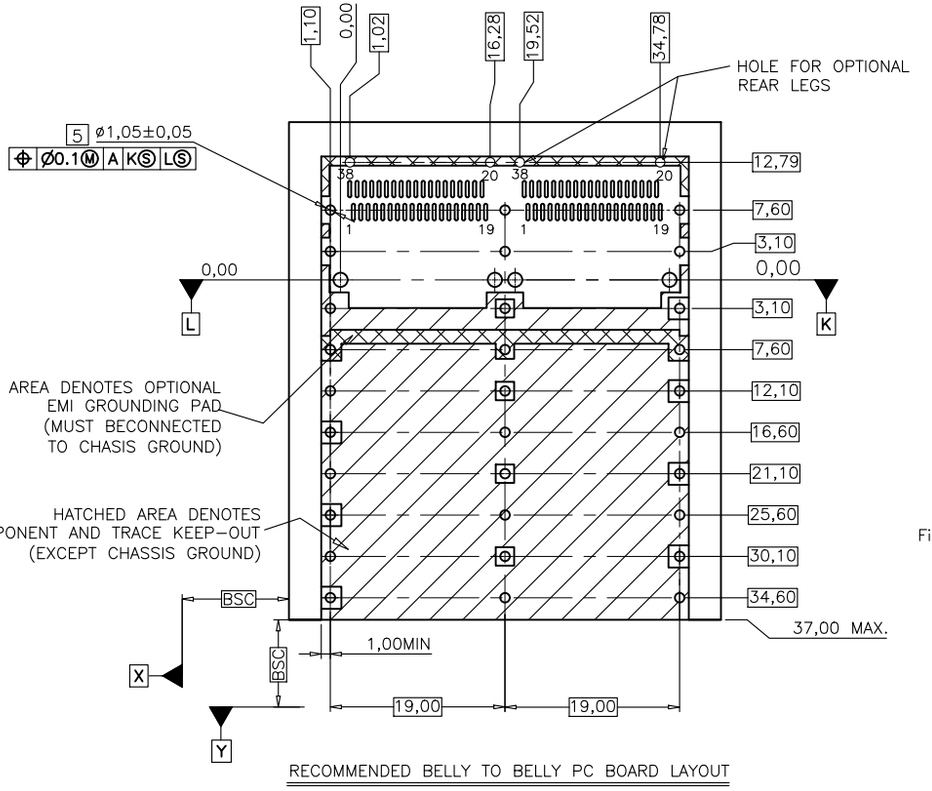
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PART NO.: DH10-5N32100-10N				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
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RoHS COMPLIANT

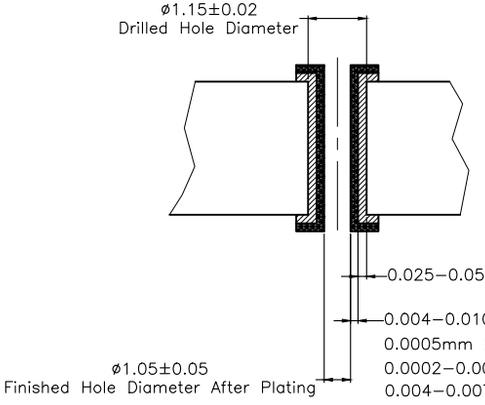
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RECOMMENDED BELLY TO BELLY PC BOARD LAYOUT



0.025–0.050mm Copper Plating

0.004–0.010mm Hot Air Solder Leveling (HASL) Tin–Lead (SnPb)
0.0005mm (Min) Immersion Tin (Sn)
0.0002–0.0005mm Organic Solderability Preservative (OSP)
0.004–0.0076mm Nickel (Ni), 0.0001–0.0005 Immersion Gold (Au)

FINISHED HOLE SIZE SPECS

RoHS COMPLIANT

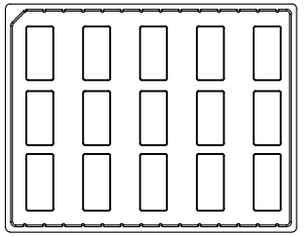
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CHECK	Ryan	DATE	2025-09-11	.XX±0.20	.XX±5°		
APPROVE	Victor	DATE	2025-09-11	.XXX±0.10			

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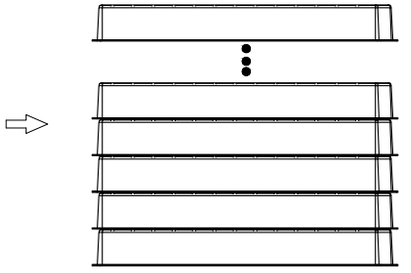
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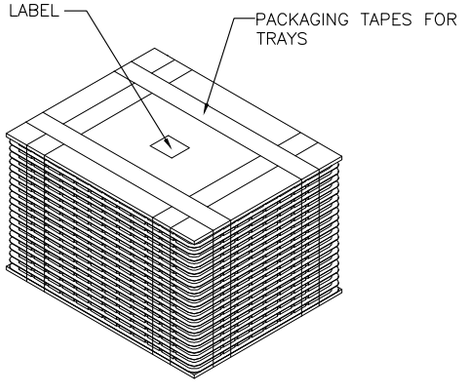
PACKAGE INFORMATION AND LABLE



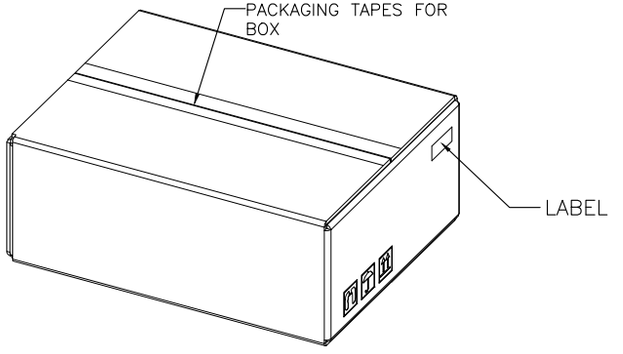
1. 20PCS PRODUCTS IN TRAYS



2. 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	120 PCS
TRAY	8 PCS
BOX(L340*W265*H200MM)	1 PCS
LABLE	2 PCS
PACKAGING TAPES	8 M (ABOUT)

RoHS COMPLIANT

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