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-C0N				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2026-10-17	.X±0.30	.X±1°	SCALE: 1:1	REV:A
CHECK	Ryan	DATE	2026-10-17	.XX±0.20	.XX±5°	SHEET: 1/7	
APPROVE	Victor	DATE	2026-10-17	.XXX±0.10			

THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION

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

© COPYRIGHT 2010 BY DUOYA CONNECTOR CORPORATION PRODUCT DRAWING

ISSUE RECORD

REV	DESCRIPTION OF CHANGE	REVIEWED BY	APPROVED BY	ISSUE DATE
A	FIRST ISSUE	Ryan	Victor	2026-10-17

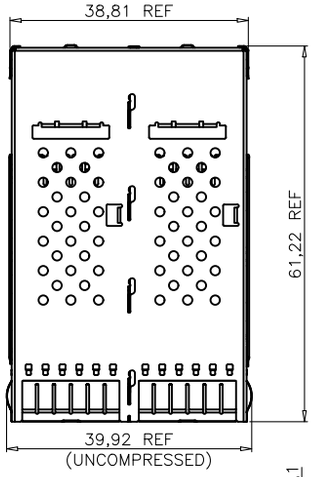
TITLE: QSFP28 1X2 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD			
PART NO.: DH10-5N32100-C0N				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2026-10-17	.X±0.30	.X±1°	SCALE: 1:1	SHEET: 2/7 REV:A
CHECK	Ryan	DATE	2026-10-17	.XX±0.20	.XX±5°		
APPROVE	Victor	DATE	2026-10-17	.XXX±0.10			

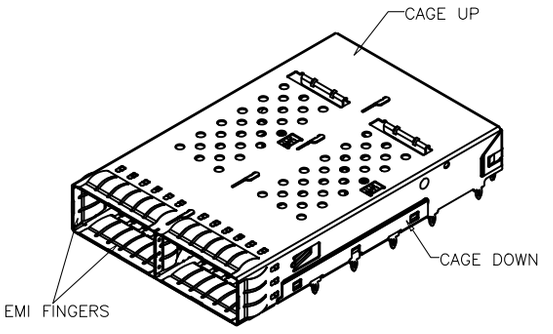
RoHS COMPLIANT

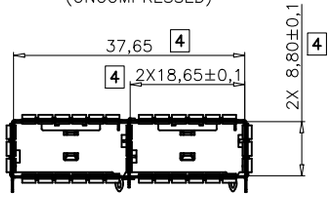
THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION

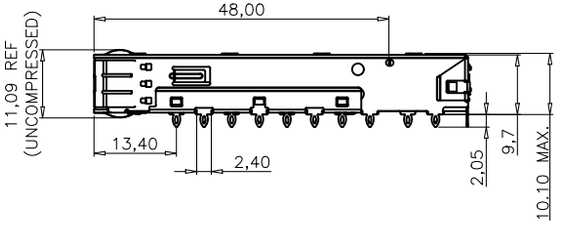
EMAIL: MAILBOX@DELEC.COM.CN WEB SITE: HTTP://WWW.DELEC.COM.CN

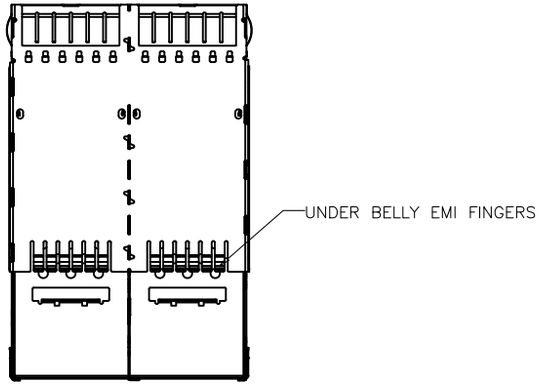
PRODUCT DRAWING © COPYRIGHT 2010 BY DUOYA CONNECTOR CORPORATION











1. MATERIALS:

CAGE UP: COPPER ALLOY(C7701), THICKNESS 0.25mm, NICKEL PLATED.
PARTITION: COPPER ALLOY(C7701), THICKNESS 0.25mm, NICKEL PLATED.
CAGE DOWN: COPPER ALLOY(C7701), THICKNESS 0.25mm, NICKEL PLATED.
EMI FINGERS: COPPER ALLOY(C7701), THICKNESS 0.06mm, NICKEL PLATED.

2. SURFACE FINISH:
   BODY CAGE: CLEANING
   EMI SPRING FINISH: CLEANING AND HOLE SEALING
3. MATE WITH QSFP MSA COMPATIBLE TRANSCEIVER.
4. INSIDE SURFACE OF CASKET WHEN FULLY COMPRESSED.
5. REFERENCE DOCUMENTS:
   PRODUCT SPECIFICATION: QSFP MSA
6. THIS PRODUCT COMPLY TO ROHS DIRECTIVE 2011/65/EU.

DH10-5N32 1 0 0 - C 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)

TITLE: QSFP28 1X2 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD			
PART NO.: DH10-5N32100-C0N				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2026-10-17	.X±0.30	.X±1°	SCALE: 1:1	SHEET: 3/7 REV:A
CHECK	Ryan	DATE	2026-10-17	.XX±0.20	.XX±5°		
APPROVE	Victor	DATE	2026-10-17	.XXX±0.10			

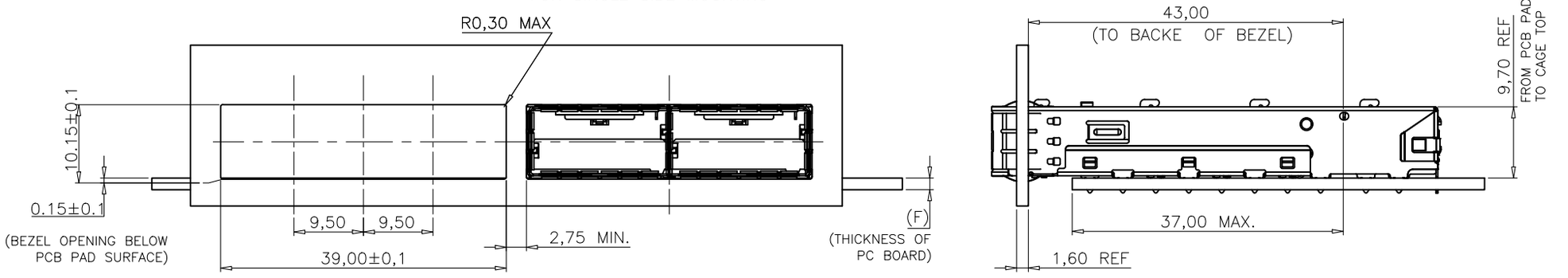
RoHS COMPLIANT

THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION

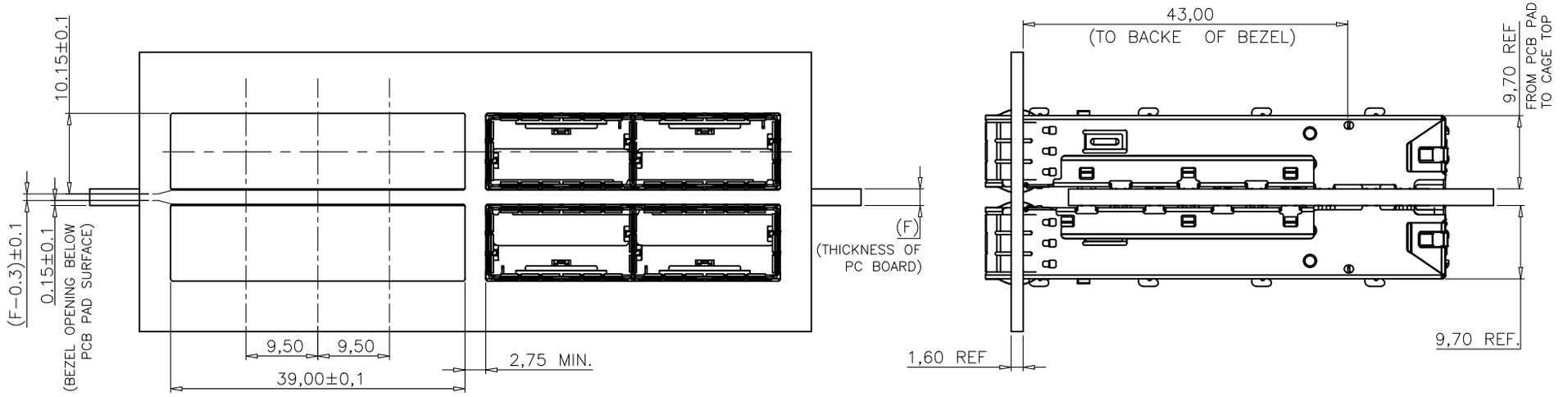
EMAIL: MAILBOX@DELEC.COM.CN WEB SITE: HTTP://WWW.DELEC.COM.CN

PRODUCT DRAWING © COPYRIGHT 2010 BY DUOYA CONNECTOR CORPORATION

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.

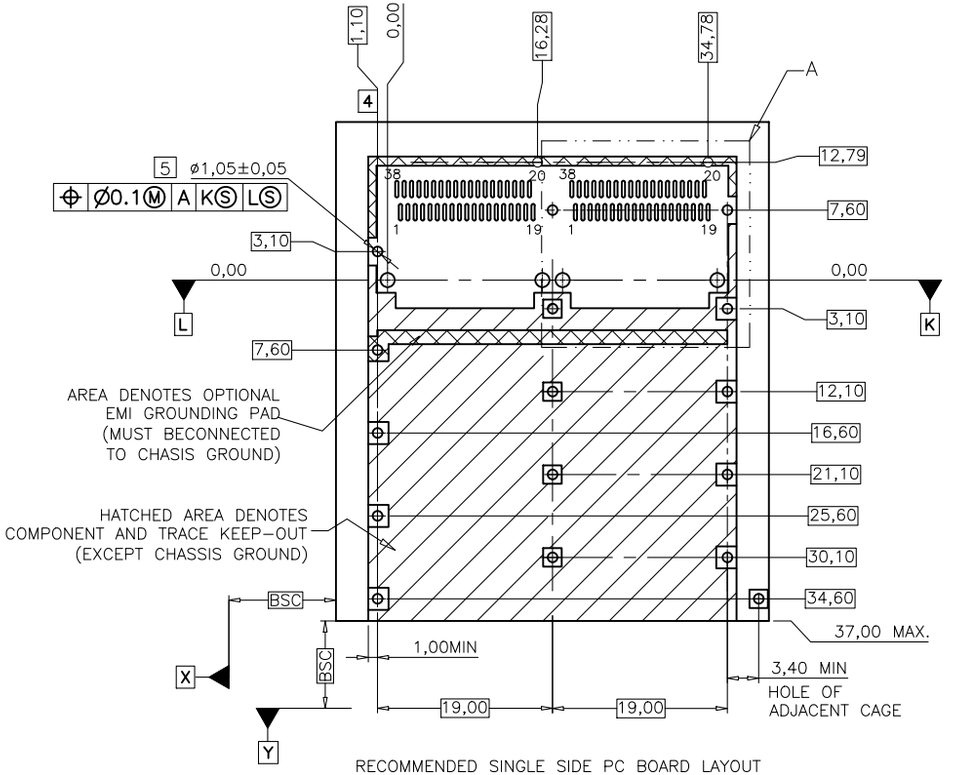
TITLE: QSFP28 1X2 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD			
PART NO.: DH10-5N32100-C0N				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2026-10-17	.X±0.30	.X±1°	SCALE: 1:1	SHEET: 4/7 REV:A
CHECK	Ryan	DATE	2026-10-17	.XX±0.20	.XX±5°		
APPROVE	Victor	DATE	2026-10-17	.XXX±0.10			

RoHS COMPLIANT

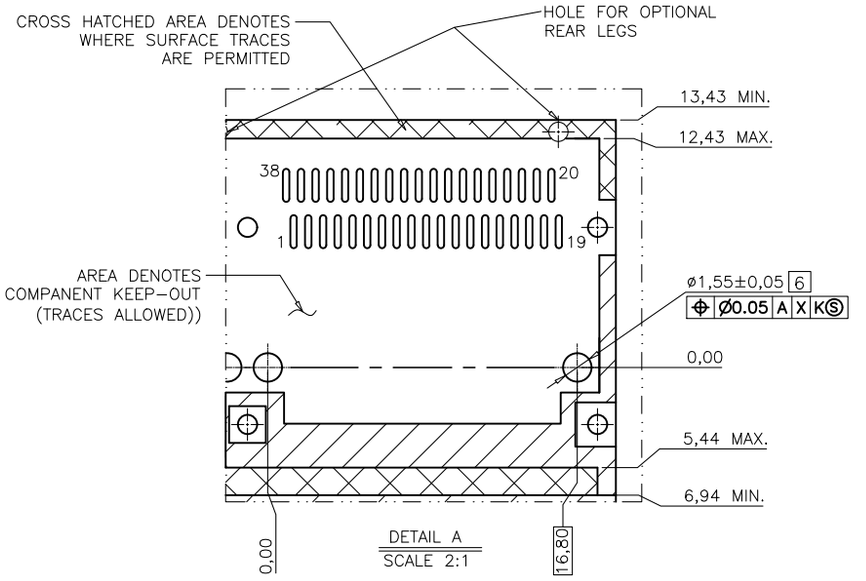
THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION

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

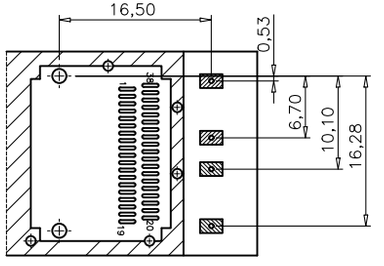
PRODUCT DRAWING © COPYRIGHT 2010 BY DUOYA CONNECTOR CORPORATION



RECOMMENDED SINGLE SIDE PC BOARD LAYOUT



FOR CAGE ASSEMBLIES WITH LIGHT PIPES



QUAD LIGHT PIPE LED LOCATION

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

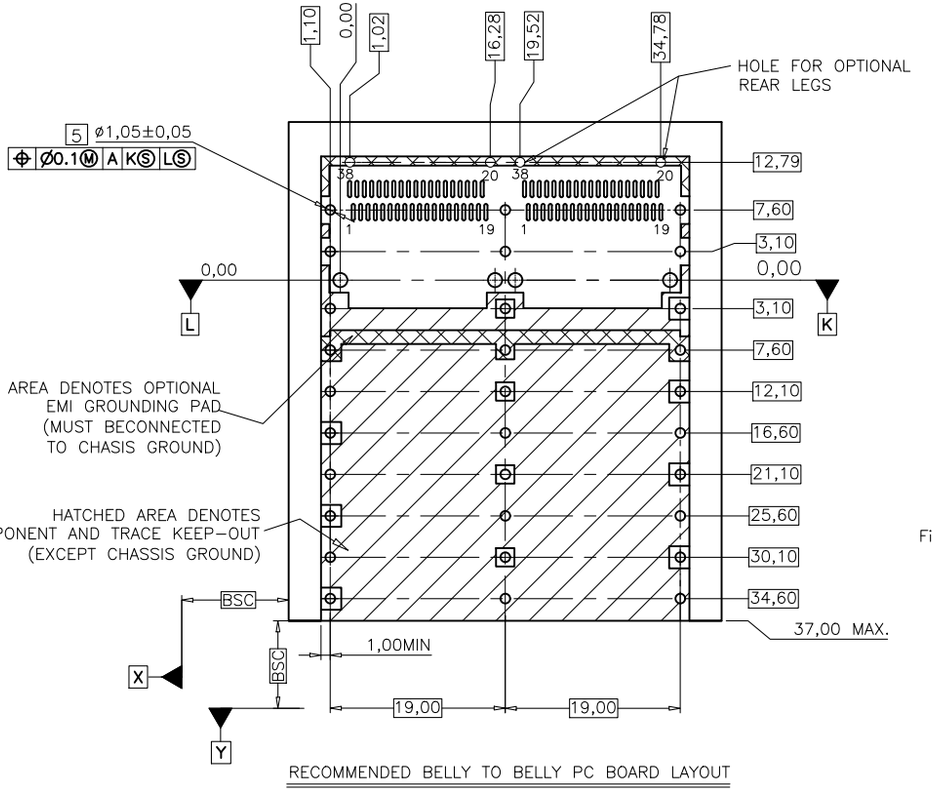
TITLE: QSFP28 1X2 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD			
PART NO.: DH10-5N32100-C0N				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2026-10-17	.X±0.30	.X±1°	SCALE: 1:1	SHEET: 5/7 REV:A
CHECK	Ryan	DATE	2026-10-17	.XX±0.20	.XX±5°		
APPROVE	Victor	DATE	2026-10-17	.XXX±0.10			

RoHS COMPLIANT

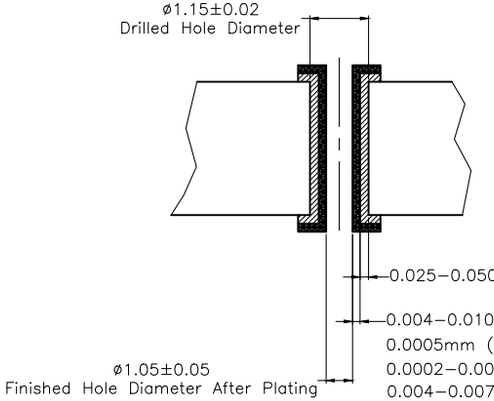
THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION

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

PRODUCT DRAWING ⓒCOPYRIGHT 2010 BY DUOYA CONNECTOR CORPORATION



RECOMMENDED BELLY TO BELLY PC BOARD LAYOUT



FINISHED HOLE SIZE SPECS

TITLE: QSFP28 1X2 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD			
PART NO.: DH10-5N32100-C0N				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2026-10-17	.X±0.30	.X±1°	SCALE: 1:1	REV:A
CHECK	Ryan	DATE	2026-10-17	.XX±0.20	.XX±5°	SHEET: 6/7	
APPROVE	Victor	DATE	2026-10-17	.XXX±0.10			

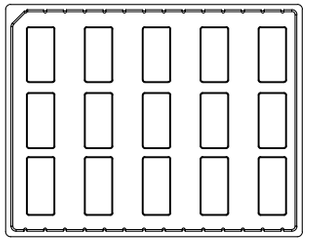
RoHS COMPLIANT

THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION

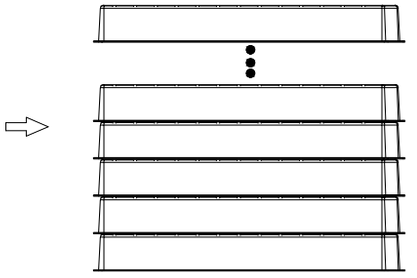
EMAIL: MAILBOX@DELEC.COM.CN WEB SITE: HTTP://WWW.DELEC.COM.CN

PRODUCT DRAWING © COPYRIGHT 2010 BY DUOYA CONNECTOR CORPORATION

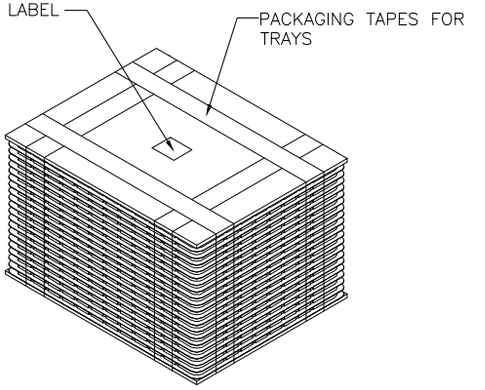
PACKAGE INFORMATION AND LABLE



1. 15PCS PRODUCTS IN TRAYS

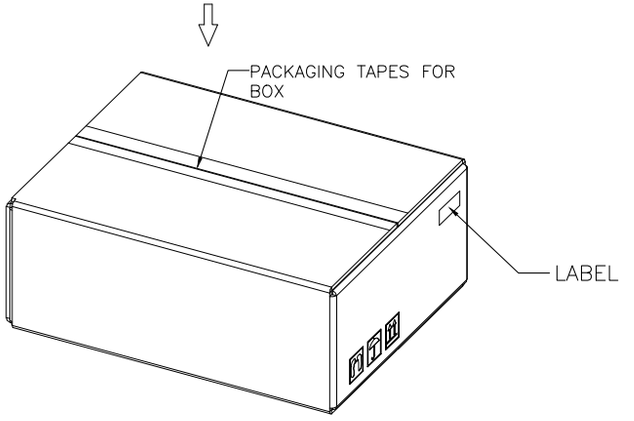


2. TRAYS OVERLAY:
(THE NEXT TRAY NEED ROTATE 180 DEGREE AND PUT IT ON PREVIOUS TRAY.)
(相邻两个吸塑间水平方向成180度摆放)



3. LABEL & PACKAGING TAPES FOR TRAYS:

PACKAGING LISTS	
ITEM	Q'TY
PRODUCT	150 PCS
TRAY	10 PCS
BOX(L340*W265*H200MM)	1 PCS
LABLE	2 PCS
PACKAGING TAPES	8 M (ABOUT)



4. LABEL & PACKAGING TAPES FOR BOX

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-C0N				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2026-10-17	.X±0.30	.X±1°	SCALE: 1:1	REV:A
CHECK	Ryan	DATE	2026-10-17	.XX±0.20	.XX±5°	SHEET: 7/7	
APPROVE	Victor	DATE	2026-10-17	.XXX±0.10			

THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION

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

PRODUCT DRAWING © COPYRIGHT 2010 BY DUOYA CONNECTOR CORPORATION