SPECIFICATION FOR APPROVAL

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

CUSTOMER:_____

CUSTOMER PART NO: _____

SAMPLE Q'TY: _____

SAMPLE DATE:_____

CUSTOMER

CUSTOMER APPROVAL:

☐ APPROVAL ☐ CONCESSIONARY ☐ REJECTED

ISSUED BY : _____

CHECKED BY: _____

APPROVED BY: _____

COMMENTS : _____

_____

TITLE: QSFP28 1X1 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD			
PART NO. DH10-5011200-30S				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2026-01-19	.X±0.20	.X±1°	SCALE: 1:1	REV:A
CHECK	Ryan	DATE	2026-01-19	.XX±0.15	.XX±5°	SHEET: 1/6	
APPROVE	Victor	DATE	2026-01-19	.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

ISSUE RECORD				
REV	DESCRIPTION OF CHANGE	REVIEWED BY	APPROVED BY	ISSUE DATE
A	FIRST ISSUE	Ryan	Victor	2026-01-19

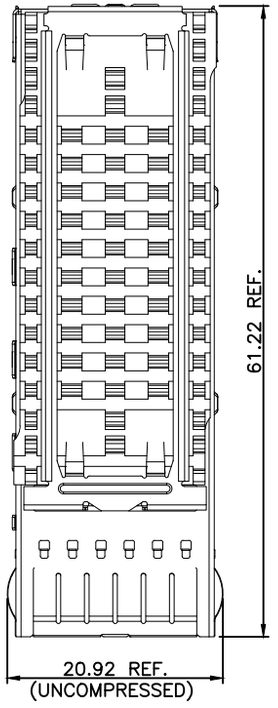
TITLE: QSFP28 1X1 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD			
PART NO.: DH10-5011200-30S				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2026-01-19	.X±0.20	.X±1°	SCALE: 1:1	SHEET: 2/6	REV:A
CHECK	Ryan	DATE	2026-01-19	.XX±0.15	.XX±5°			
APPROVE	Victor	DATE	2026-01-19	.XXX±0.10				

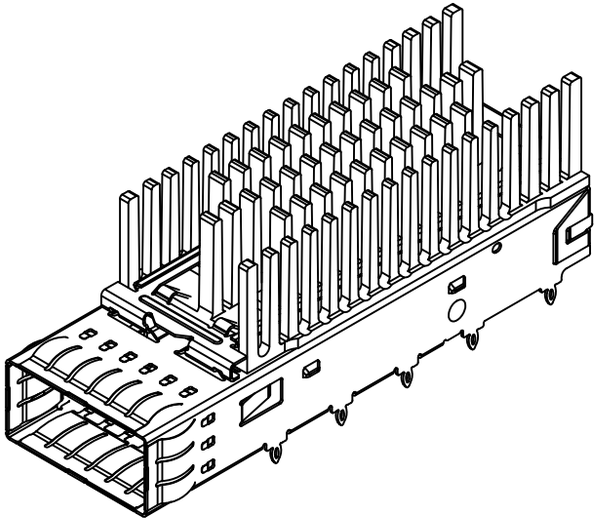
RoHS COMPLIANT

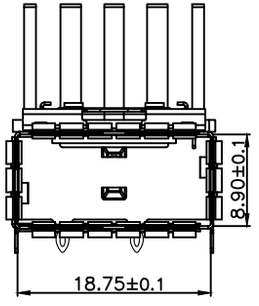
THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION

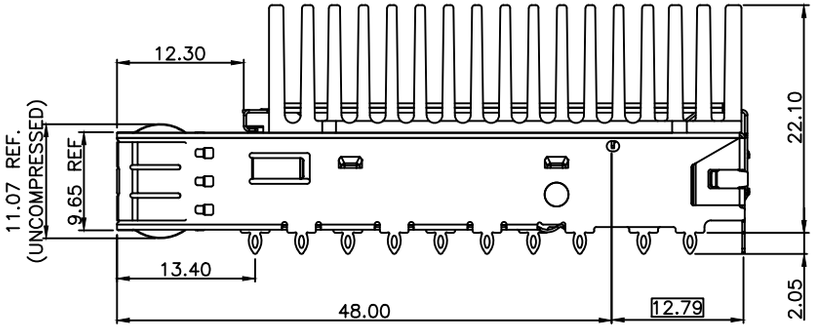
EMAIL: MAILBOX@DELEC.COM.CN WEB SITE: HTTP://WWW.DELEC.COM.CN

PRODUCT DRAWING © COPYRIGHT 2010 BY DUOYA CONNECTOR CORPORATION









1. MATERIALS:
   BODY CAGE: STAINLESS STEEL, 0.25 THICKNESS
   EMI FINGER: STAINLESS STEEL
   HEATSINK: ALUMINUM
   HEATSINK CLIP: STAINLESS STEEL
   LIGHT PIPE MATERIAL: CLEAR POLYCARBONATE
2. SURFACE FINISH:
   BODY CAGE: CLEANING
   EMI SPRING: CLEANING AND HOLE SEALING
   HEATSINK: BLACK ANODIZED
   HEATSINK CLIP: CLEANING
3. MATE WITH QSFP MSA COMPATIBLE TRANSCEIVER.
4. REFERENCE DOCUMENTS:
   PRODUCT SPECIFICATION: QSFP MSA
5. THIS PRODUCT COMPLY TO ROHS DIRECTIVE 2011/65/EU.

DH10-5011 X X X - X 0 S
1 2 3 4

1.REAR LEGS:
0=W/O REAR LEG
1=W/ 1 REAR LEG
2=W/ 2 REAR LEGS

2.LIGHT PIPE OPTION:
0=W/O Light Pipe
1=W/Single Light Pipe(Round)(Dim. A=9.7mm)
2=W/Double Light Pipe(Round)(Dim. A=9.7mm)
5=W/Quad Light Pipe(Round)(Dim. A=9.7mm)
6=W/Light Pipe(Round)(Dim. A=10.7mm)

3.LIGHT PIPE DIM OPTION:
0=W/O Light Pipe
1=Ø2.67mm For Single Light Pipe
2=Ø2.67mm For Double Light Pipe
3=Ø2.00mm For Double Light Pipe
A=Ø2.67mm For Quad Light Pipe
B=Ø2.00mm For Quad Light Pipe

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

TITLE: QSFP28 1X1 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD			
PART NO.: DH10-5011200-30S				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2026-01-19	.X±0.20	.X±1°	SCALE: 1:1	SHEET: 3/6	REV:A
CHECK	Ryan	DATE	2026-01-19	.XX±0.15	.XX±5°			
APPROVE	Victor	DATE	2026-01-19	.XXX±0.10				

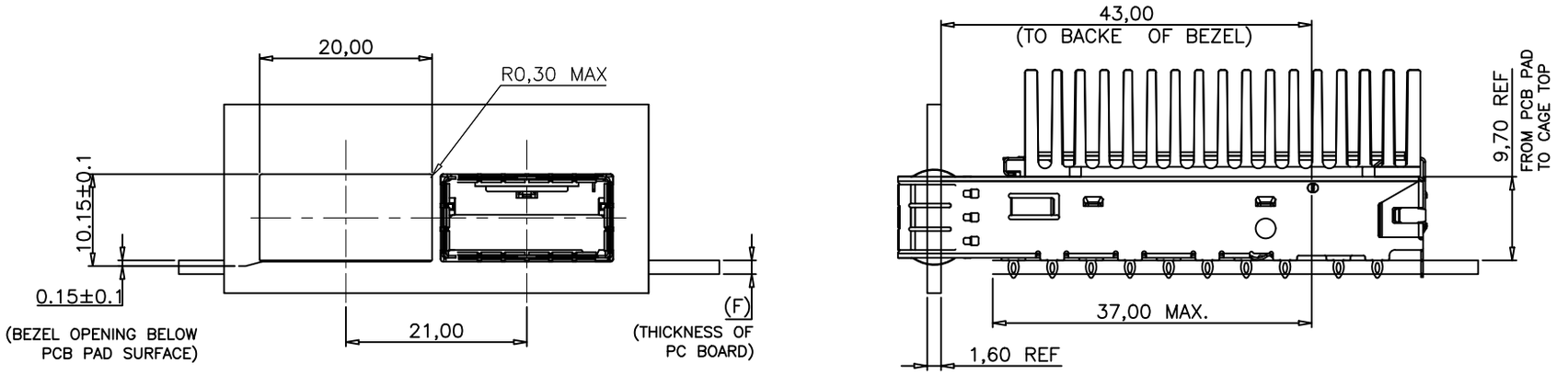
RoHS COMPLIANT

THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION

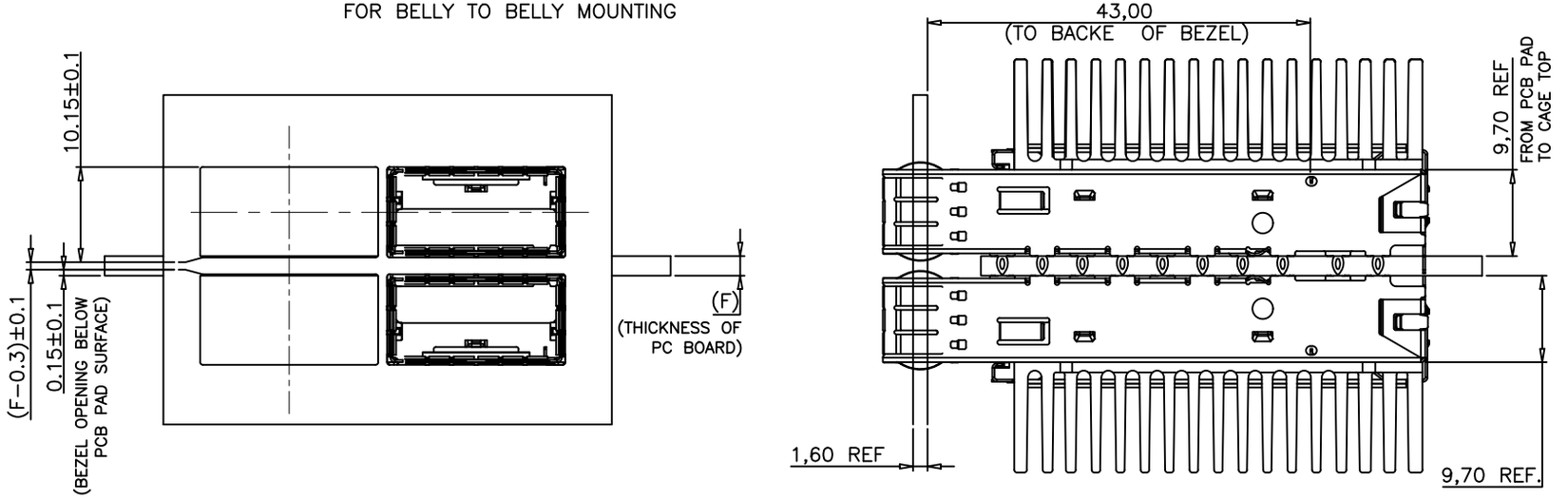
EMAIL: MAILBOX@DELEC.COM.CN WEB SITE: HTTP://WWW.DELEC.COM.CN

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.

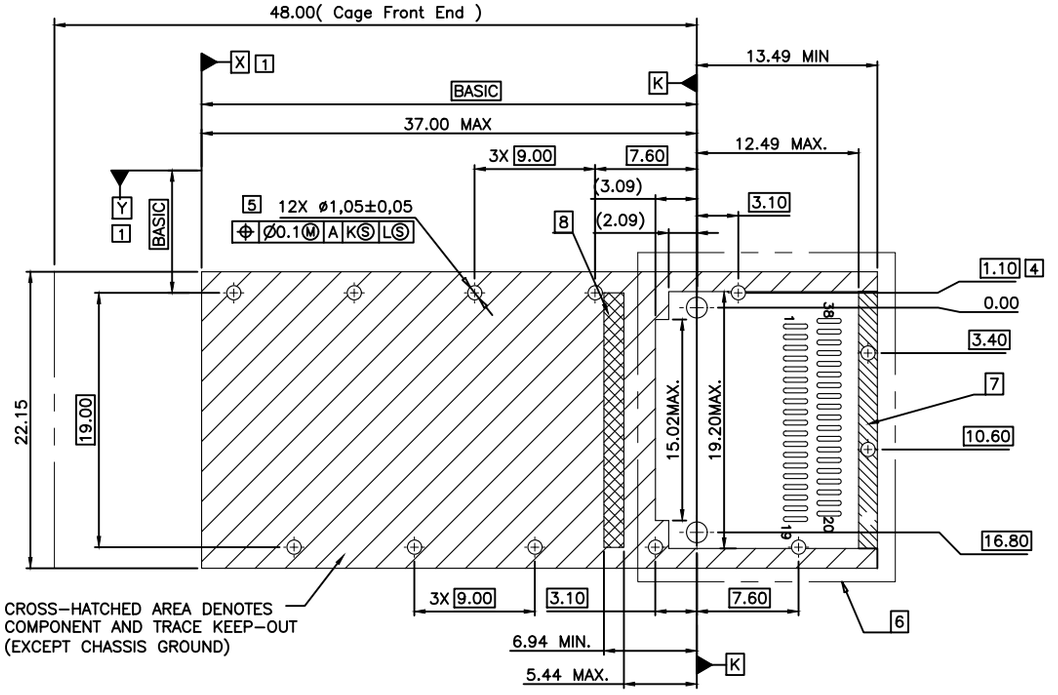
TITLE: QSFP28 1X1 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD			
PART NO.: DH10-5011200-30S				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2026-01-19	.X±0.20	.X±1°	SCALE: 1:1	SHEET: 4/6	REV:A
CHECK	Ryan	DATE	2026-01-19	.XX±0.15	.XX±5°			
APPROVE	Victor	DATE	2026-01-19	.XXX±0.10				

RoHS COMPLIANT

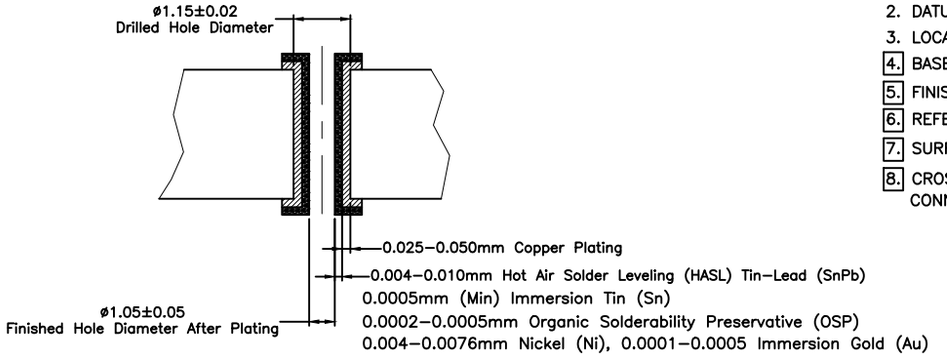
THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION

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



FINISHED HOLE SIZE SPECS

NOTES:

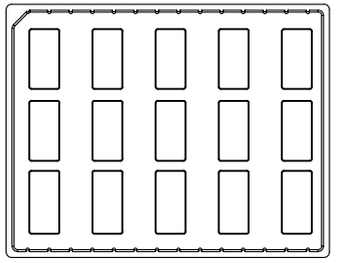
1. DATUM X & Y ARE ESTABLISHED BY THE CUSTOMER'S FIDUCIAL
2. DATUM A IS THE TOP SURFACE OF THE HOST BOARD
3. LOCATION OF THE EDGE OF PCB IS APPLICATION SPECIFIC
4. BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE.
5. FINISHED HOLE SIZE
6. REFER TO SFF8662 FOR CONNECTOR FOOTING DIMENSIONS
7. SURFACE TRACES PERMITTED WITHIN THIS SHADED AREA
8. CROSS HATCHED AREA DENOTES EMI GROUNDING PAD MUST BE CONNECTED TO CHASIS GROUND

RoHS COMPLIANT

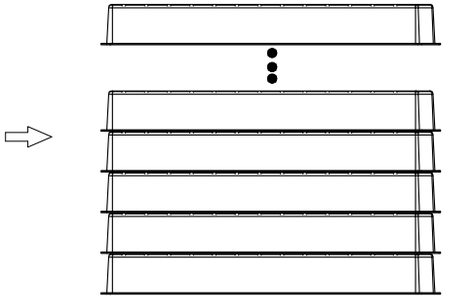
TITLE: QSFP28 1X1 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD			
PART NO.: DH10-5011200-30S				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2026-01-19	.X±0.20	.X±1°	SCALE: 1:1	SHEET: 5/6 REV:A
CHECK	Ryan	DATE	2026-01-19	.XX±0.15	.XX±5°		
APPROVE	Victor	DATE	2026-01-19	.XXX±0.10			

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

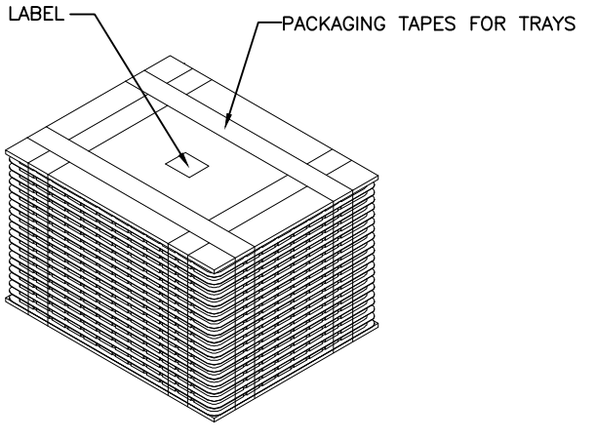
PACKAGE INFORMATION AND LABLE



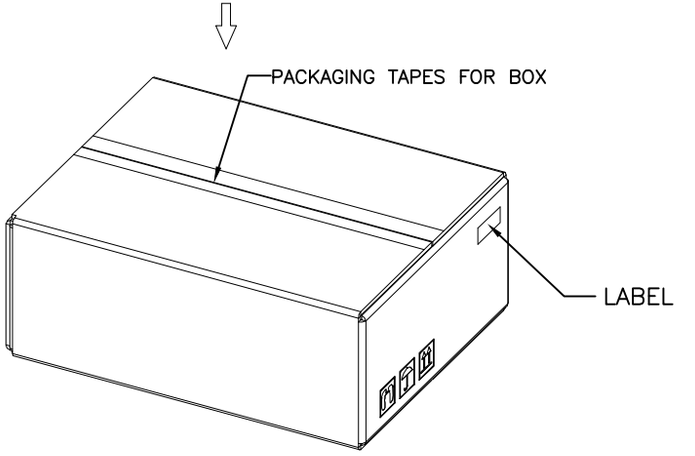
1. 24PCS PRODUCTS IN TRAYS



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	144 PCS
TRAY	6 PCS
BOX(L340*W265*H200MM)	1 PCS
LABLE	2 PCS
PACKAGING TAPES	8 M (ABOUT)

RoHS COMPLIANT

TITLE: QSFP28 1X1 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD			
PART NO.: DH10-5011200-30S				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2026-01-19	.X±0.20	.X±1°	SCALE: 1:1	SHEET: 6/6 REV:A
CHECK	Ryan	DATE	2026-01-19	.XX±0.15	.XX±5°		
APPROVE	Victor	DATE	2026-01-19	.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