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 1X1 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD			
PART NO. DH10-5011200-10S				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2025-08-01	.X±0.30	.X±1°	SCALE: 1:1	SHEET: 1/6 REV:B
CHECK	Ryan	DATE	2025-08-01	.XX±0.20	.XX±5°		
APPROVE	Victor	DATE	2025-08-01	.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

ISSUE RECORD

REV	DESCRIPTION OF CHANGE	REVIEWED BY	APPROVED BY	ISSUE DATE
A	FIRST ISSUE	Aaron	Victor	2025-08-01
B	Update drawings	Ryan	Victor	2025-08-01

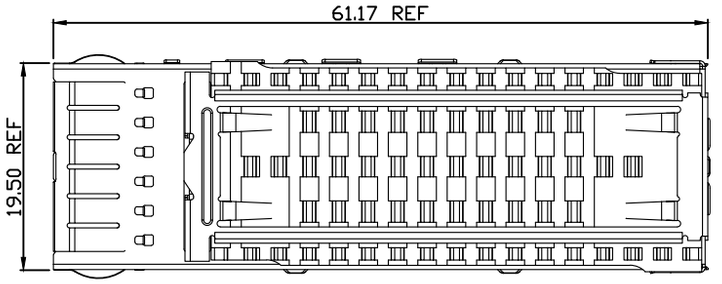
TITLE: QSFP28 1X1 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD			
PART NO.: DH10-5011200-10S				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2025-08-01	.X±0.30	.X±1°	SCALE: 1:1	SHEET: 2/6 REV:B
CHECK	Ryan	DATE	2025-08-01	.XX±0.20	.XX±5°		
APPROVE	Victor	DATE	2025-08-01	.XXX±0.10			

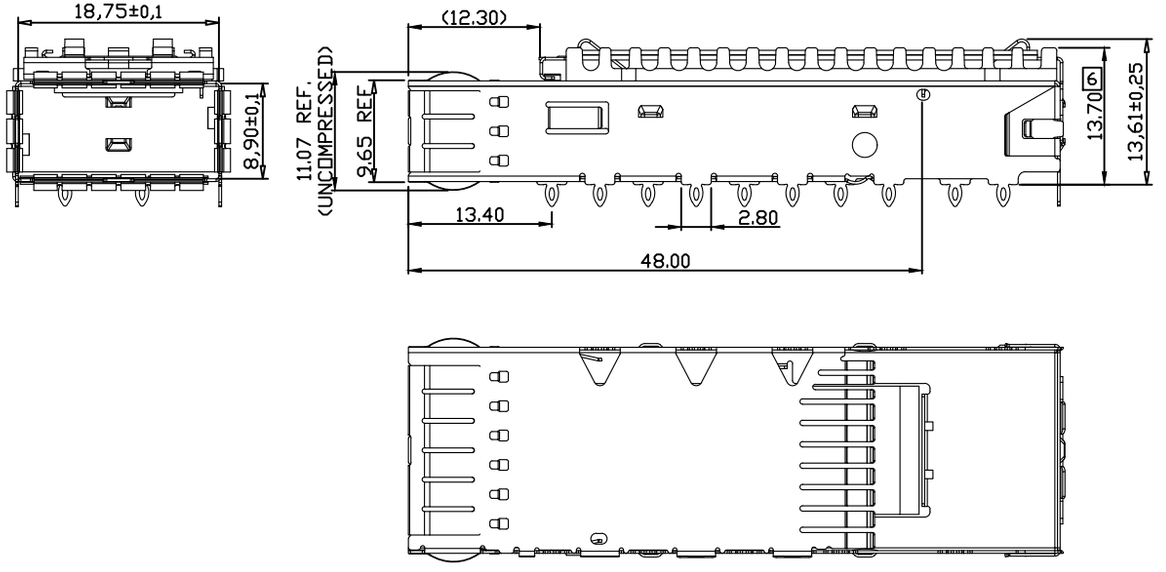
RoHS COMPLIANT

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
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.
6. DIMENSION 13.70 REPRESENTS THE DISTANCE FROM THE SURFACE OF PCB TO THE TOP OF HEAT SINK WHEN QSFP PLUG IS ENGAGED (PLUGGED IN).

DH10-5011 2 0 0 - 1 0 S

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)
- 4=W/Heatsink(Extruded Type)

TITLE: QSFP28 1X1 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD				
PART NO.: DH10-5011200-10S				GENERAL TOLERANCE			UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2025-08-01	.X±0.30	.X±1°	SCALE: 1:1	SHEET: 3/6	REV:B
CHECK	Ryan	DATE	2025-08-01	.XX±0.20	.XX±5°			
APPROVE	Victor	DATE	2025-08-01	.XXX±0.10				

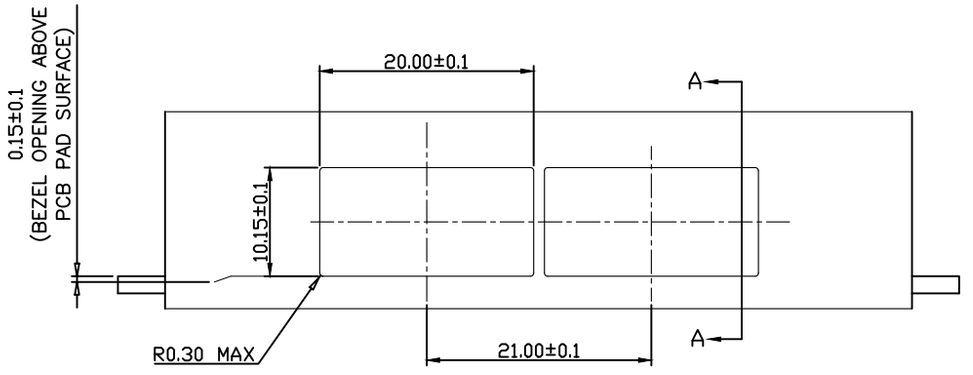
RoHS COMPLIANT

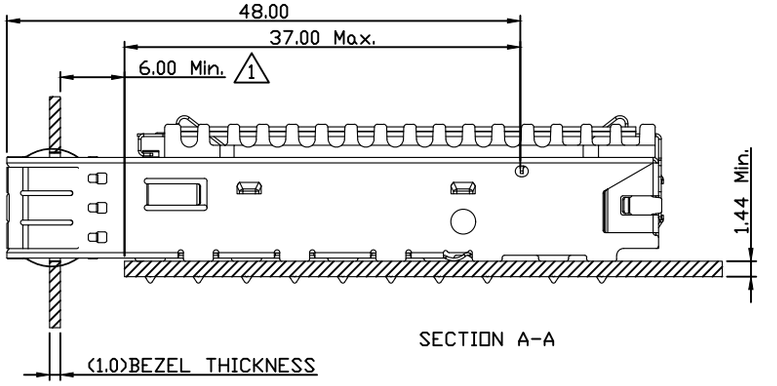
THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION

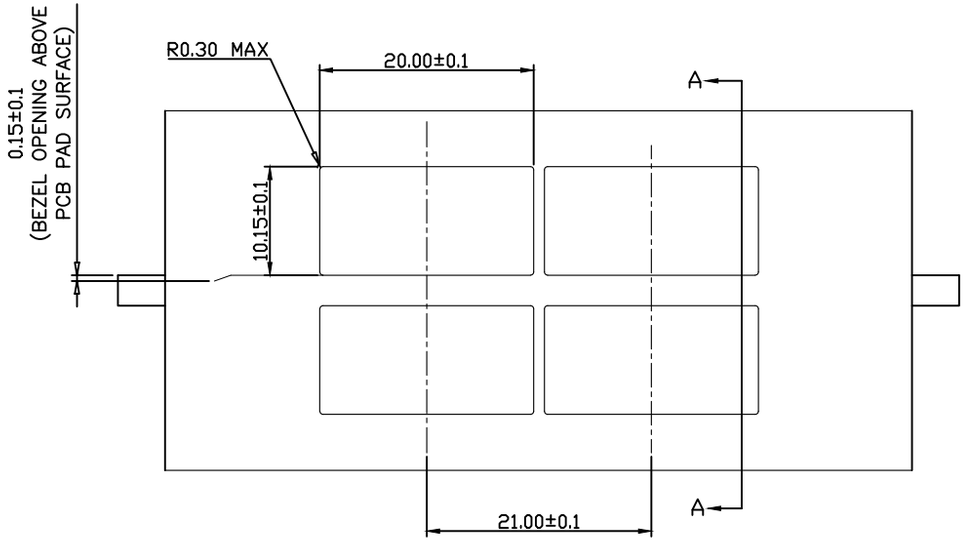
EMAIL: MAILBOX@DELEC.COM.CN WEB SITE: HTTP://WWW.DELEC.COM.CN

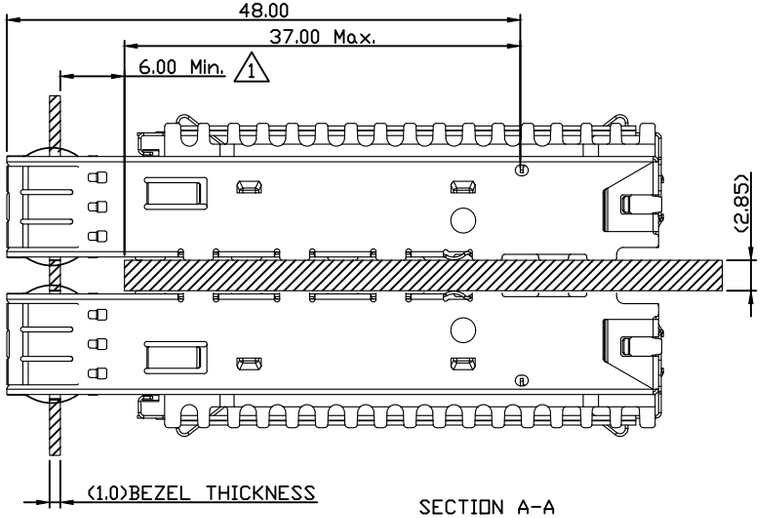
PRODUCT DRAWING © COPYRIGHT 2010 BY DUOYA CONNECTOR CORPORATION

RECOMMENDED BEZEL DESIGN









BELLY TO BELLY APPLICATIONS

NOTES:

1. LOCATION OF EDGE OF PCB IS APPLICATION SPECIFIC

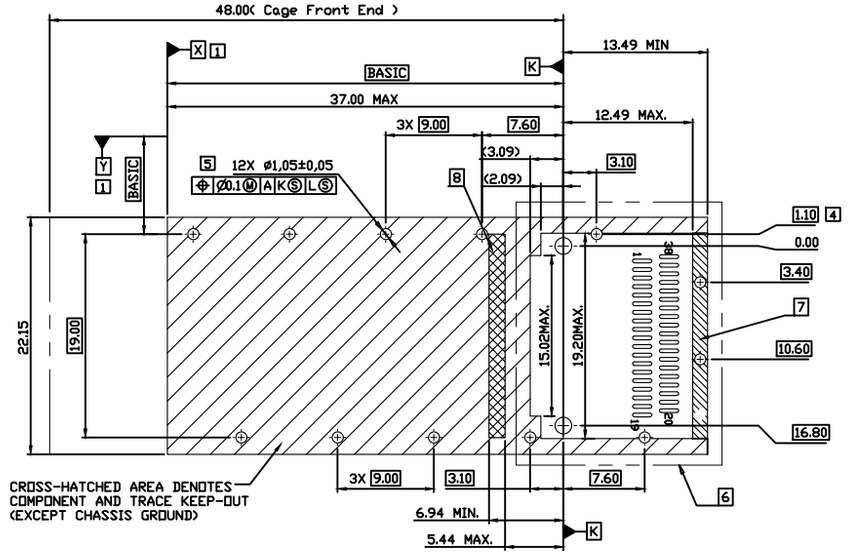
RoHS COMPLIANT

TITLE: QSFP28 1X1 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD	
PART NO.: DH10-5011200-10S				GENERAL TOLERANCE	UNIT:MM / SIZE: A4
DRAW	Ryan	DATE	2025-08-01	.X±0.30 / .X±1°	SCALE: 1:1 / SHEET: 4/6 / REV:B
CHECK	Ryan	DATE	2025-08-01	.XX±0.20 / .XX±5°	
APPROVE	Victor	DATE	2025-08-01	.XXX±0.10	

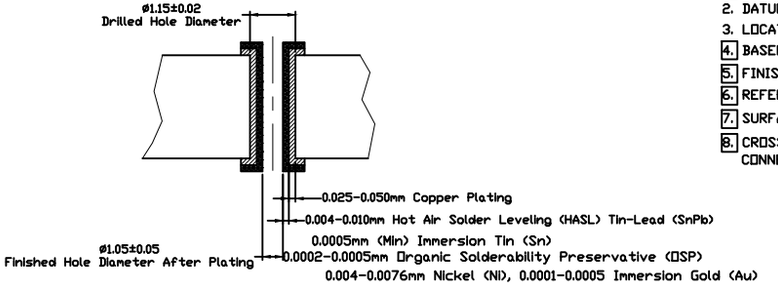
THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION

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

PRODUCT DRAWING © COPYRIGHT 2010 BY DUOYA CONNECTOR CORPORATION



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

TITLE: QSFP28 1X1 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD			
PART NO.: DH10-5011200-10S				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2025-08-01	.X±0.30	.X±1°	SCALE: 1:1	SHEET: 5/6 REV:B
CHECK	Ryan	DATE	2025-08-01	.XX±0.20	.XX±5°		
APPROVE	Victor	DATE	2025-08-01	.XXX±0.10			

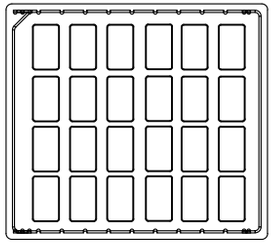
RoHS COMPLIANT

THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION

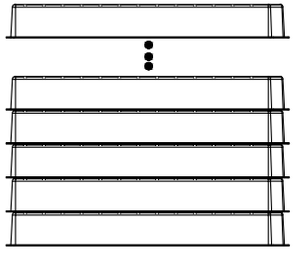
EMAIL: MAILBOX@DELEC.COM.CN WEB SITE: HTTP://WWW.DELEC.COM.CN

PRODUCT DRAWING ©COPYRIGHT 2010 BY DUOYA CONNECTOR CORPORATION

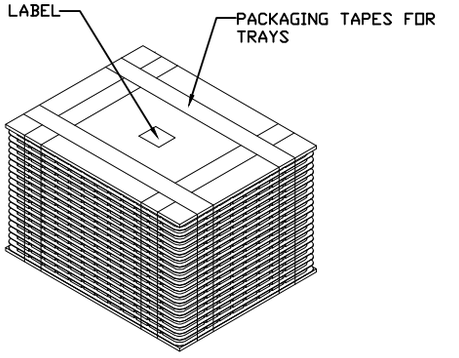
PACKAGE INFORMATION AND LABLE



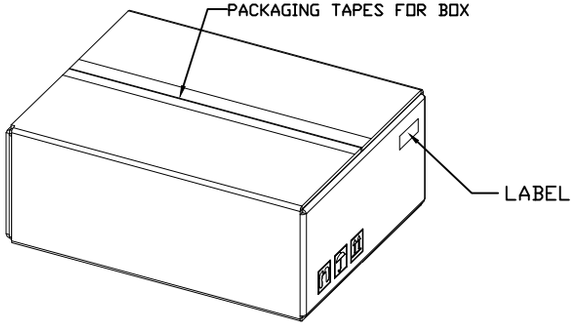
1. 24 PCSPRODUCTS IN TRAYS



2. 8 TRAYS OVERLAY



3. LABEL & PACKAGING TAPES FOR TRAYS



4. LABEL & PACKAGING TAPES FOR BOX

PACKAGING LISTS	
ITEM	Q'TY
PRODUCT	192 PCS
TRAY	8 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.: DH10-5011200-10S				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2025-08-01	.X±0.30	.X±1°	SCALE: 1:1	SHEET: 6/6 REV:B
CHECK	Ryan	DATE	2025-08-01	.XX±0.20	.XX±5°		
APPROVE	Victor	DATE	2025-08-01	.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