SPECIFICATION FOR APPROVAL

DELEC		
MARKETING GROUP	R&D GROUP	QA GROUP
ISSUED BY	CHECKED BY	QA INSPECTION
Aaron	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							
QSFP+ 28G 1X1 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD			
PART NO. DH10-5011292-30S				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
DRAW	Aaron	DATE	2021-10-15	.X±0.30	.X±1°	SCALE: 1:1	SHEET: 1/6	REV:A
CHECK	Aaron	DATE	2021-10-15	.XX±0.20	.XX±5°			
APPROVE	Victor	DATE	2021-10-15	.XXX±0.10				

RoHS COMPLIANT

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ISSUE RECORD

REV	DESCRIPTION OF CHANGE	REVIEWED BY	APPROVED BY	ISSUE DATE
A	FIRST ISSUE	Aaron	Victor	2021-10-15

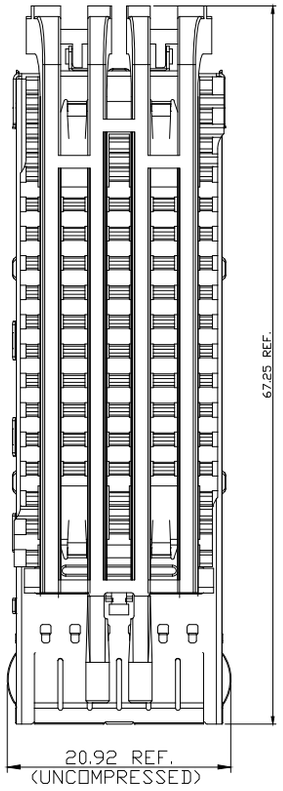
TITLE: QSFP+ 28G 1X1 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD			
PART NO.: DH10-5011292-30S				GENERAL TOLERANCE		UNIT:MM	SIZE: A4
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APPROVE	Victor	DATE	2021-10-15	.XXX±0.10			

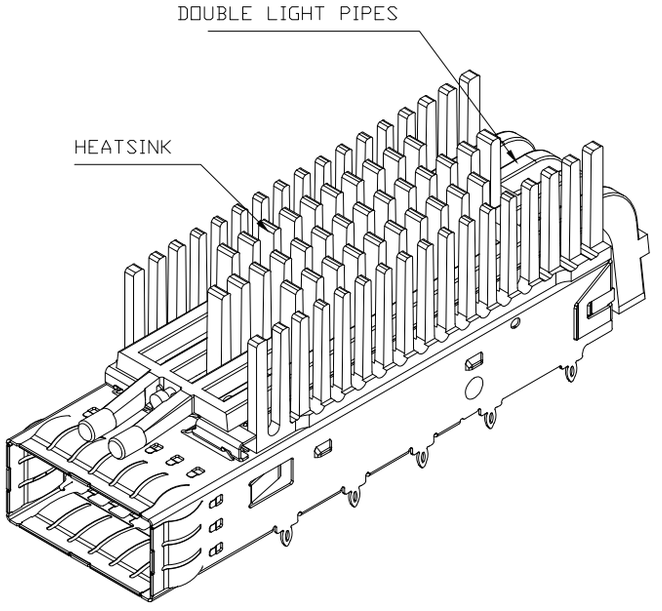
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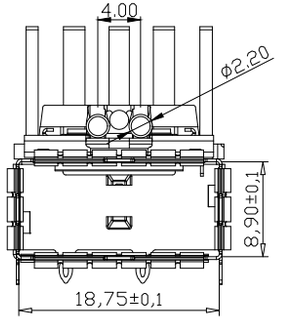
DH10-5011 2 9 2 - 3 0 S

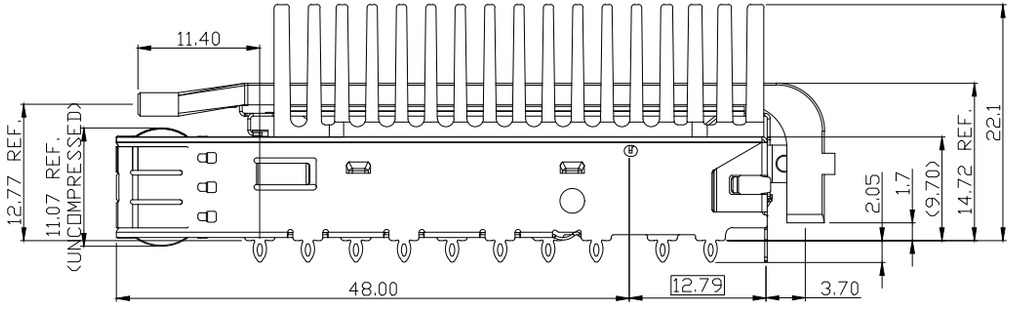
1.REAR LEGS:
- 0=W/O REAR LEG
- 1=W/ 1 REAR LEG
- 2=W/ 2 REAR LEGS

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)
- 7=W/Double Light Pipe(Round)(Dim. A=13.4mm)
- 8=W/Double Light Pipe(Round)(Dim. A=9.7mm)
- 9=W/Double Light Pipe(Round)(Dim. A=11.4mm)

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
- C=Ø2.00mm For Single Light Pipe
- F=Ø2.67mm For Double 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)





1. MATERIALS:
   CAGE UP: STAINLESS STEEL, 0.25 THICKNESS
   CAGE DOWN: STAINLESS STEEL, 0.25 THICKNESS
   PARTITION: STAINLESS STEEL
   EMI FINGERS: STAINLESS STEEL
   HEATSINK: ALUMINUM
   HEATSINK CLIP: STAINLESS STEEL
   LIGHT PIPE MATERIAL: CLEAR POLYCARBONATE
   CAP: THERMOPLASTIC 94V-0,BLACK

2. SURFACE FINISH:
   BODY CAGE: CLEANING
   EMI SPRING FINISH: CLEANING AND HOLE SEALING
   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

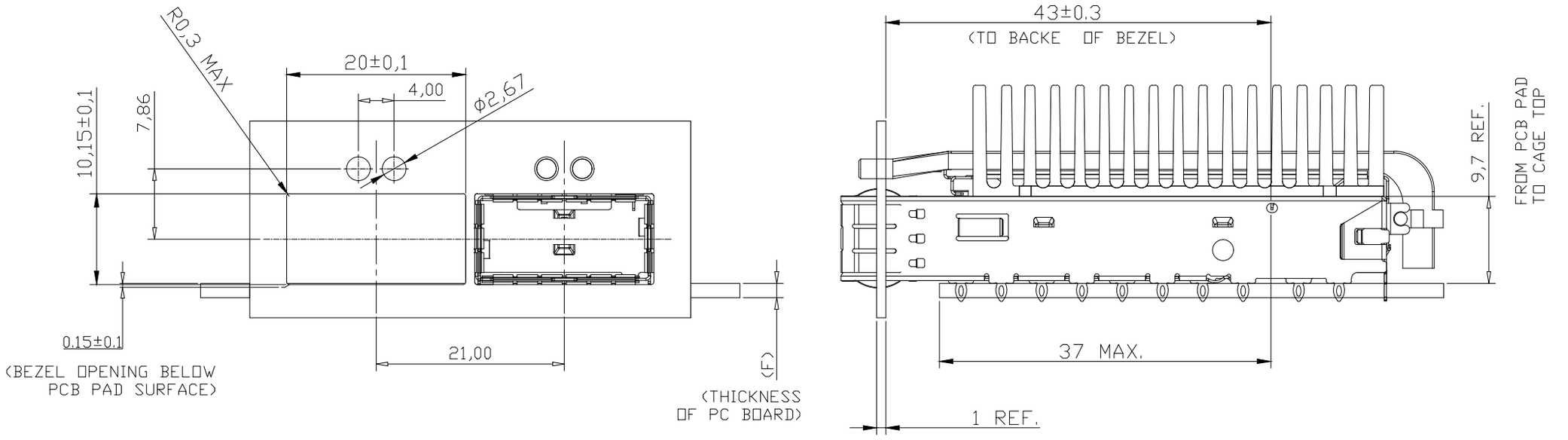
6. THIS PRODUCT COMPLY TO ROHS DIRECTIVE 2011/65/EU.

RoHS COMPLIANT

TITLE: QSFP+ 28G 1X1 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD	
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CHECK	Aaron	DATE	2021-10-15	.XX±0.20 / .XX±5°	SCALE: 1:1 / SHEET: 3/6 / REV:A
APPROVE	Victor	DATE	2021-10-15	.XXX±0.10	

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BEZEL AND BOARD POSITION DIMENSION FOR SINGLE SIDE 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 MIN. THICKNESS: 3.0mm MIN.
2. GENERAL TOLERANCE: ±0.05.

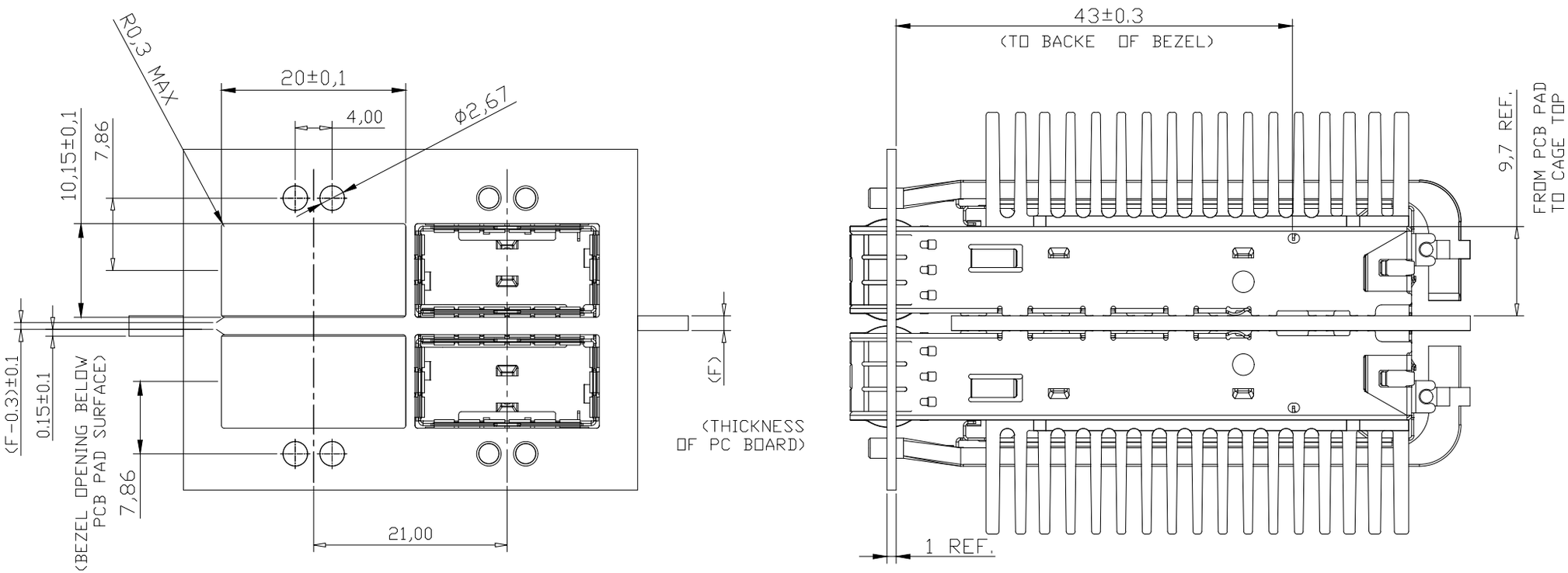
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APPROVE	Victor	DATE	2021-10-15	.XXX±0.10				

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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 MIN. THICKNESS: 3.0mm MIN.
2. GENERAL TOLERANCE: ±0.05.

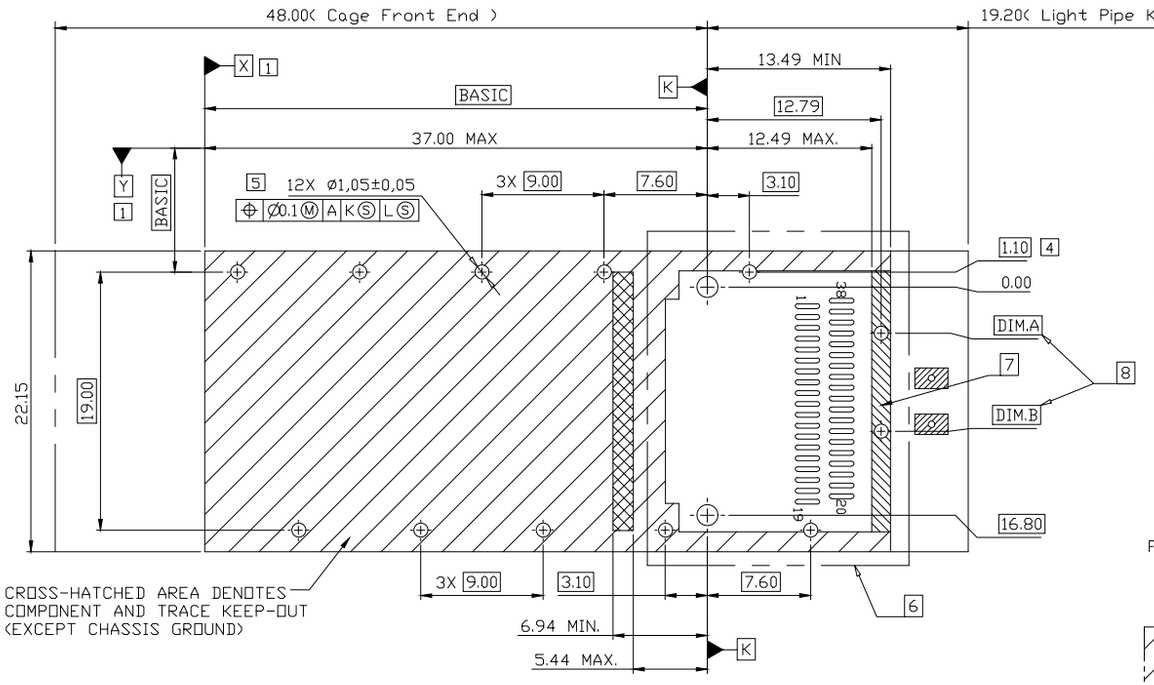
TITLE: QSFP+ 28G 1X1 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD				
PART NO.: DH10-5011292-30S				GENERAL TOLERANCE			UNIT:MM	SIZE: A4
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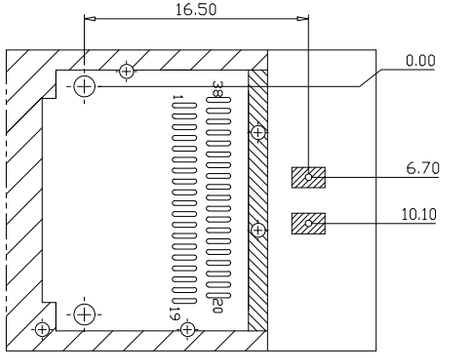
RECOMMENDED SINGLE SIDE PC BOARD LAYOUT

NOTES:

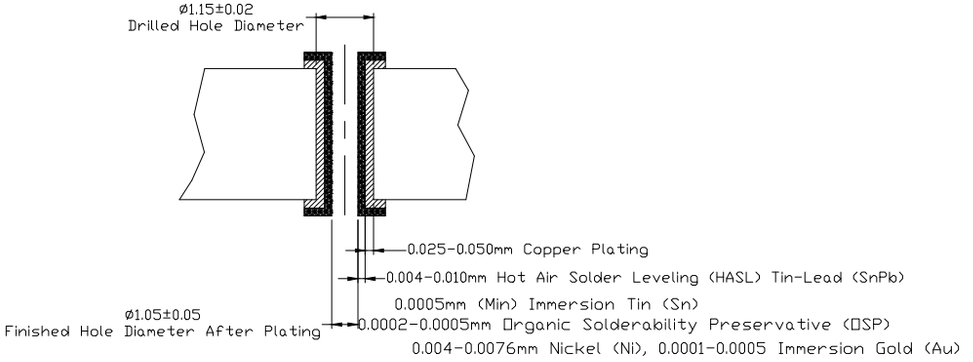
1. DATUM X & Y ARE ESTABLISHED BY THE CUSTOMER'S FIDUCIAL
2. DATUM A IS THE TOP SURFACE OF THE HOST BOARD
3. LOCATION OF THE EDGE OF PCB IS APPLICATION SPECIFIC
4. BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE.
5. FINISHED HOLE SIZE
6. REFER TO SFF8662 FOR CONNECTOR FOOTING DIMENSIONS
7. SURFACE TRACES PERMITTED WITHIN THIS SHADED AREA
8. INDICATED HOLES ARE OPTIONAL (SEE TABLE FOR REAR PIN CONFIGURATION)

	# OF REAR PIN PER PORT	DIM.A	DIM.B	DIM.C
OPTION 1	2 REAR LEGS	3.40	10.60	N/A
OPTION 2	1 REAR LEG	N/A	N/A	15.78
OPTION 3	0 REAR LEG	N/A	N/A	N/A

FOR CAGE ASSEMBLIES WITH LIGHT PIPES



LIGHT PIPE LED LOCATION



FINISHED HOLE SIZE SPECS

RoHS COMPLIANT

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