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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: _____

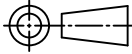
COMMENTS : _____

RoHS COMPLIANT

TITLE QSF28 2X2 CAGE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD					
PART NO. DH10-5N3B006-05C				GENERAL TOLERANCE				UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2026-08-29	.X±0.20	.X±1°	SCALE: 1:1		SHEET: 1/7	REV:A
CHECK	Ryan	DATE	2026-08-29	.XX±0.15	.XX±5°				
APPROVE	Victor	DATE	2026-08-29	.XXX±0.10					

1	2	3	4	5	6	7	8
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RoHS COMPLIANT

TITLE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD				
PART NO.				GENERAL TOLERANCE			UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2026-08-29	.X±0.20	.X±1°	SCALE: 1:1	SHEET: 2/7	REV:A
CHECK	Ryan	DATE	2026-08-29	.XX±0.15	.XX±5°			
APPROVE	Victor	DATE	2026-08-29	.XXX±0.10				

ISSUE RECORD				
REV	DESCRIPTION OF CHANGE	REVIEWED BY	APPROVED BY	ISSUE DATE
A	FIRST ISSUE	Ryan	Victor	2026-08-29

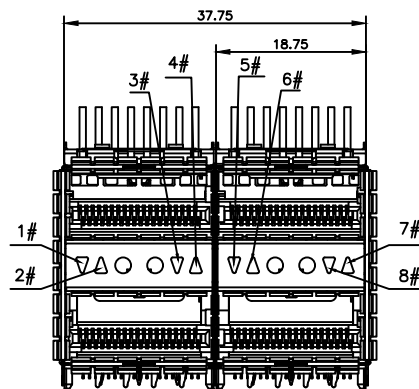
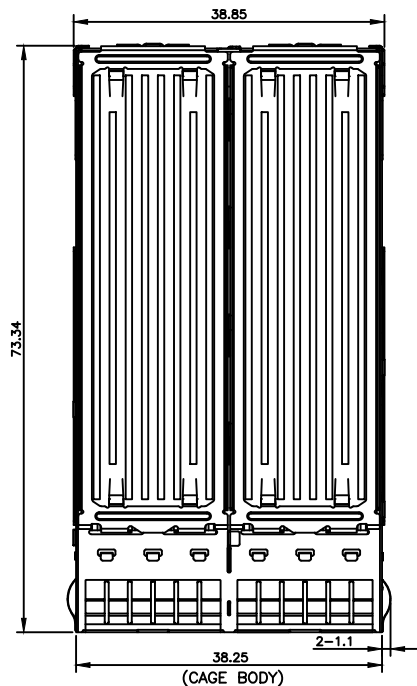
THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION

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

BY DUOYA CONNECTOR CORPORATION

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PRODUCT DRAWING



NOTE:

MATERIAL:

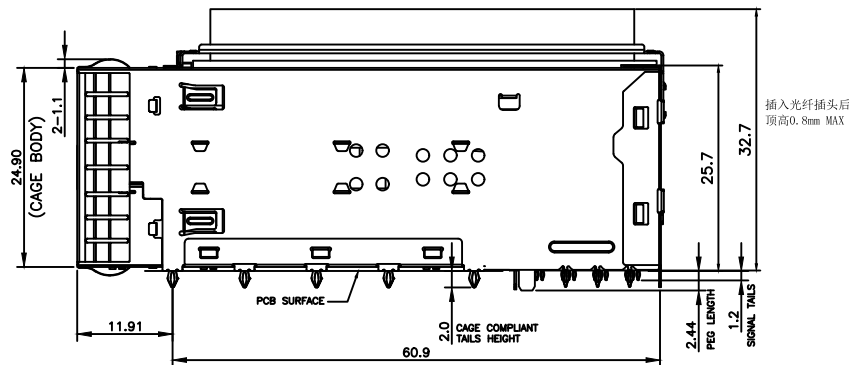
1. CONTACT: COPPER ALLOY.
2. HOUSING & COVER:
HIGH TEMPERATURE PLASTIC UL 94V-0. COLOR: BLACK.
3. MOULDED INSERT:
HIGH TEMPERATURE PLASTIC UL 94V-0. COLOR:BLACK.
4. CAGE:
TOP CAGE: COPPER ALLOY T=0.25mm.
BOTTOM CAGE:STAINLESS STEEL T=0.25mm.
BACK CAGE:COPPER ALLOY T=0.25mm.
MID CAGE:STAINLESS STEEL T=0.25mm.
5. EMI CLIP: COPPER ALLOY
6. HEAT SIINK : ALUMINUM
7. HEAT SINK CLIP :STAINLESS STEEL
8. LIGHT PIPES: POLYCARBONATE. UL 94V-0. COLOR:CLEAR

PLATED:

1. CONTACT AREA : PLATING GOLD 0.76 MICROMETERS MINIMUM
OVER 1.27 MICROMETERS NICKEL.
2. CONTACT NEEDLE EYE: 2.54~5.08 MICROMETERS MATTE TIN
OVER 1.27~2.54 MICROMETERS NICKEL.
3. TOP & BACK CAGE: 0.76~2.54 MICROMETERS NICKEL OVER ALL.
4. EMI CLIP: 0.76~2.54 MICROMETERS NICKEL OVER ALL.

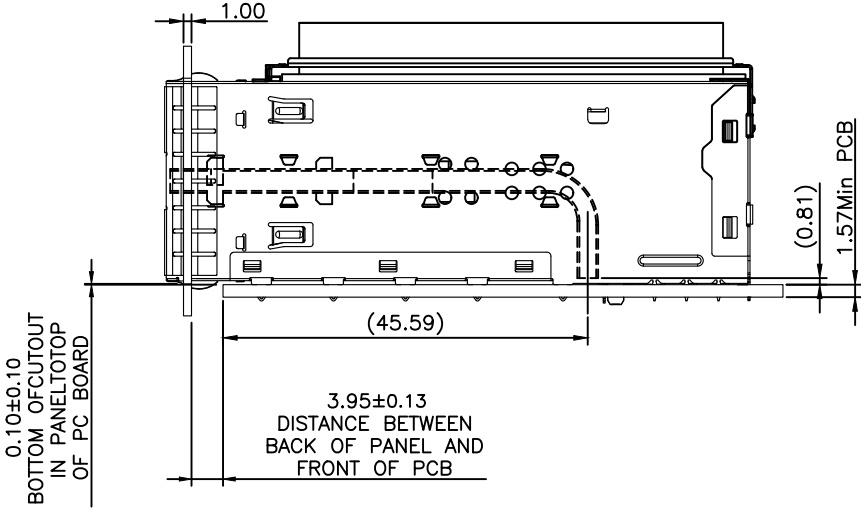
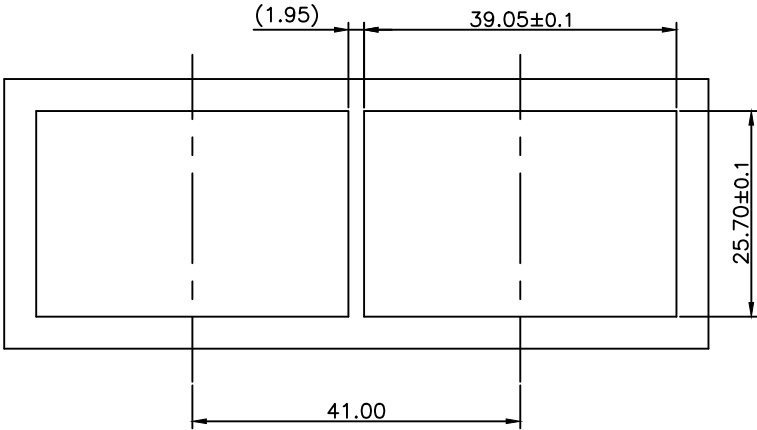
ENVIRONMENTAL:

1. LOW LEVEL CONTACT RESITANCE(LLCR): ΔR 20 MILLIOHMS MAXIMUM.
2. WITHSTANDING VOLTAGE: 300V AC/MAXIMUM.
3. RATINGS CURRENT: 0.5 Amps MAXIMUM.
4. RATINGS VOLTAGE: 30 Volts AC(RMS)/DC MAX.
5. OPERATION: $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$.
6. STORAGE: $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$.
7. ROHS COMPLIANT



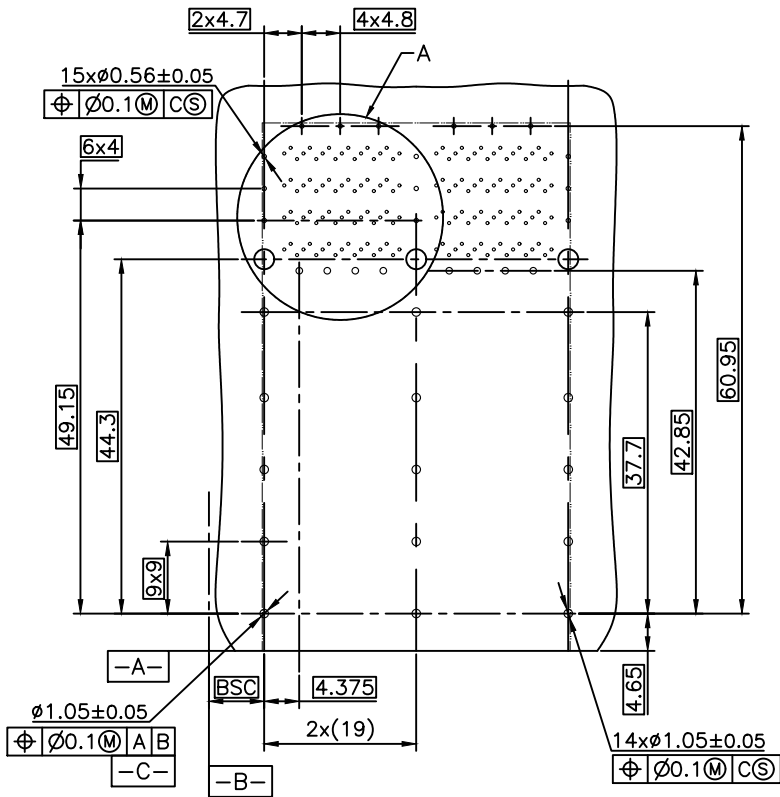
RoHS COMPLIANT

TITLE				DELEC					东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD		
QSFP28 2X2 CAGE											
PART NO. DH10-5N3B006-05C				GENERAL TOLERANCE				UNIT:MM	SIZE: A4		
DRAW	Ryan	DATE	2026-08-29	.X±0.20	.X±1°		SCALE: 1:1	SHEET: 3/7	REV:A		
CHECK	Ryan	DATE	2026-08-29	.XX±0.15	.XX±5°						
APPROVE	Victor	DATE	2026-08-29	.XXX±0.10							

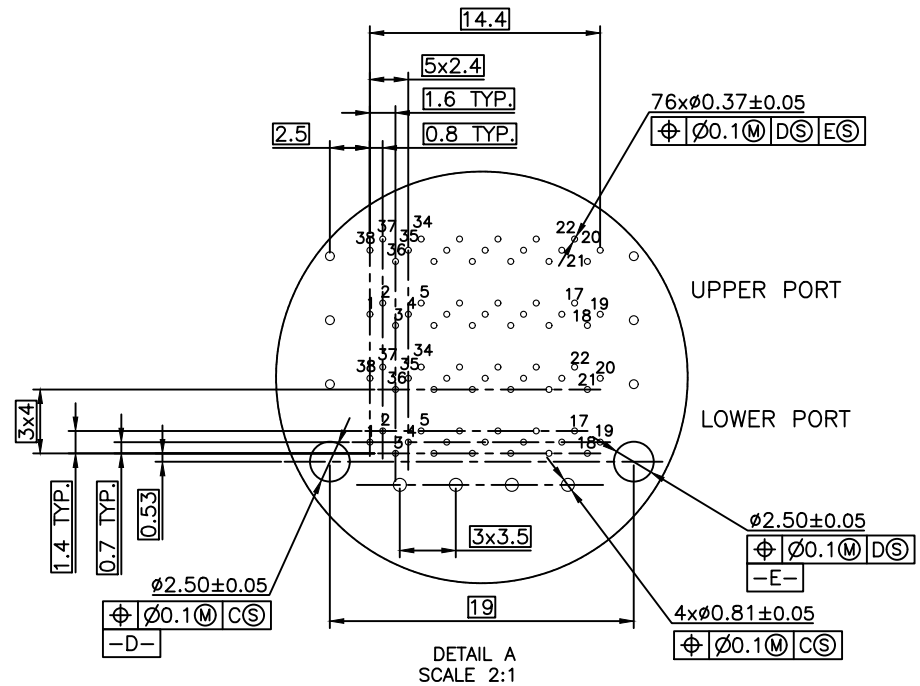


RoHS COMPLIANT

TITLE QSFP28 2X2 CAGE				DELEC		东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD		
PART NO. DH10-5N3B006-05C				GENERAL TOLERANCE			UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2026-08-29	.X±0.20	.X±1°	SCALE: 1:1	SHEET: 4/7	REV:A
CHECK	Ryan	DATE	2026-08-29	.XX±0.15	.XX±5°			
APPROVE	Victor	DATE	2026-08-29	.XXX±0.10				

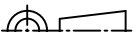


RECOMMENDED PC BOARD LAYOUT
COMPONENT SIDE OF BOARD
(PCB TOLERANCE:±0.05)

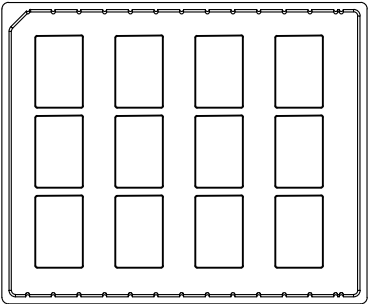


DETAIL A
SCALE 2:1

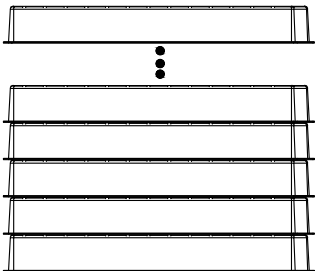
RoHS COMPLIANT

TITLE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD				
QSFP28 2X2 CAGE								
PART NO. DH10-5N3B006-05C				GENERAL TOLERANCE			UNIT:MM	SIZE: A4
DRAW	Ryan	DATE	2026-08-29	.X±0.20	.X±1°	SCALE: 1:1	SHEET: 5/7	REV:A
CHECK	Ryan	DATE	2026-08-29	.XX±0.15	.XX±5°			
APPROVE	Victor	DATE	2026-08-29	.XXX±0.10				

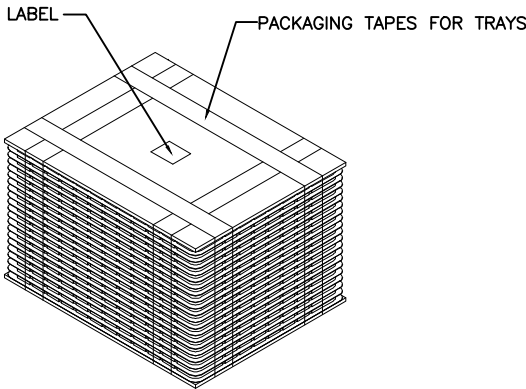
PACKAGE INFORMATION AND LABEL



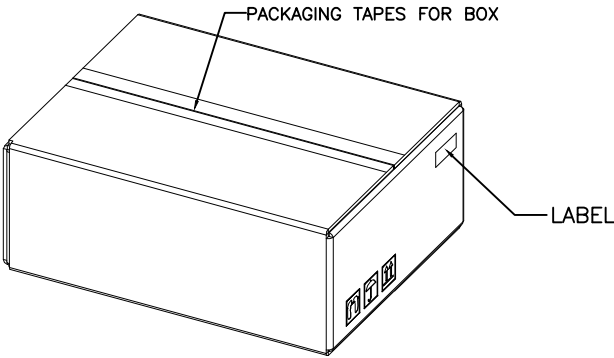
1. 12PCS PRODUCTS IN TRAYS



2. 5PCS 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	60 PCS
TRAY	5 PCS
BOX(L340*W265*H200MM)	1 PCS
LABLE	2 PCS
PACKAGING TAPES	8 M (ABOUT)

RoHS COMPLIANT

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QSFP28 2X2 CAGE									DONGGUAN DUOYA ELECTRONICS CO., LTD		
PART NO.				GENERAL TOLERANCE			UNIT:MM	SIZE: A4			
DH10-5N3B006-05C											
DRAW	Ryan	DATE	2026-08-29	.X±0.20	.X±1°	SCALE: 1:1	SHEET: 7/7	REV:A			
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APPROVE	Victor	DATE	2026-08-29	.XXX±0.10							