



SPECIFICATION FOR APPROVAL

DELEC		
MARKETING GROUP	R&D GROUP	QA GROUP
ISSUED BY	CHECKED BY	QA INSPECTION
Iror	Victor	Liu Ting

CUSTOMER

CUSTOMER APPROVAL:

☐ APPROVAL ☐ CONCESSIONARY ☐ REJECTED

ISSUED BY : _____

CHECKED BY: _____

APPROVED BY: _____

COMMENTS : _____

CUSTOMER: _____

CUSTOMER PART NO: _____

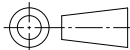
SAMPLE Q'TY: _____

SAMPLE DATE: _____

TITLE QSF28 2X1				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD				
PART NO. DH10-5N3A016-01C				GENERAL TOLERANCE			UNIT:MM(INCH)	SIZE: A4
DRAW	Victor	DATE	2024-10-30	.X±0.25	.X±1°		SCALE: 1:1	SHEET: 1/6
CHECK	Victor	DATE	2024-10-30	.XX±0.20	.XX±0.5°			
APPROVE	Victor	DATE	2024-10-30	.XXX±0.10				REV:A



ISSUE RECORD				
REV	DESCRIPTION OF CHANGE	REVIEWED BY	APPROVED BY	ISSUE DATE
A	FIRST ISSUE	Aaron	Victor	2024-10-30

TITLE QSFP28 2X1				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD				
PART NO. DH10-5N3A016-01C				GENERAL TOLERANCE			UNIT:MM(INCH)	SIZE: A4
DRAW	Victor	DATE	2024-10-30	.X±0.25	.X±1°	SCALE: 1:1	SHEET: 2/6	REV:A
CHECK	Victor	DATE	2024-10-30	.XX±0.20	.XX±0.5°			
APPROVE	Victor	DATE	2024-10-30	.XXX±0.10				



NOTE:
MATERIAL:

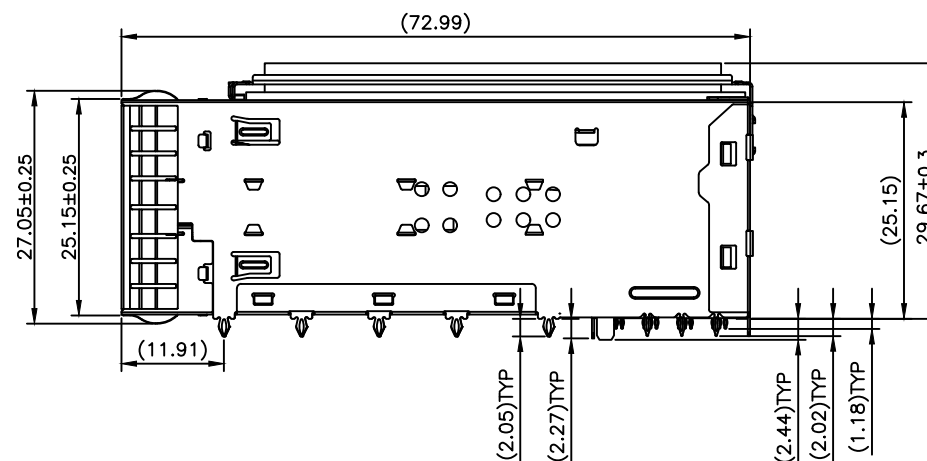
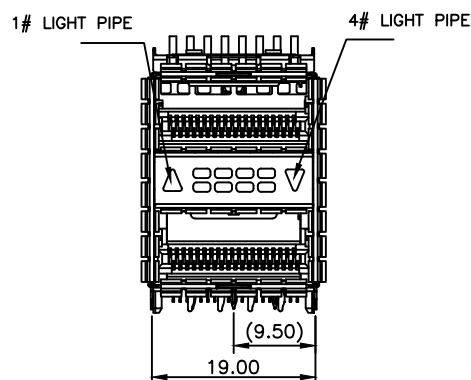
1. CONTACT: COPPER ALLOY.
2. HOUSING & COVER: HIGH TEMPERATURE PLASTIC UL 94V-0. COLOR: BLACK.
3. MOULDED INSERT: HIGH TEMPERATURE PLASTIC UL 94V-0. COLOR:BLACK.
4. CAGE: TOP CAGE: COPPER ALLOY T=0.25mm.
BOTTOM CAGE:STAINLESS STEEL T=0.25mm.
BACK CAGE:COPPER ALLOY T=0.25mm.
MID CAGE:STAINLESS STEEL T=0.25mm.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

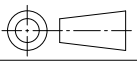
PLATED:

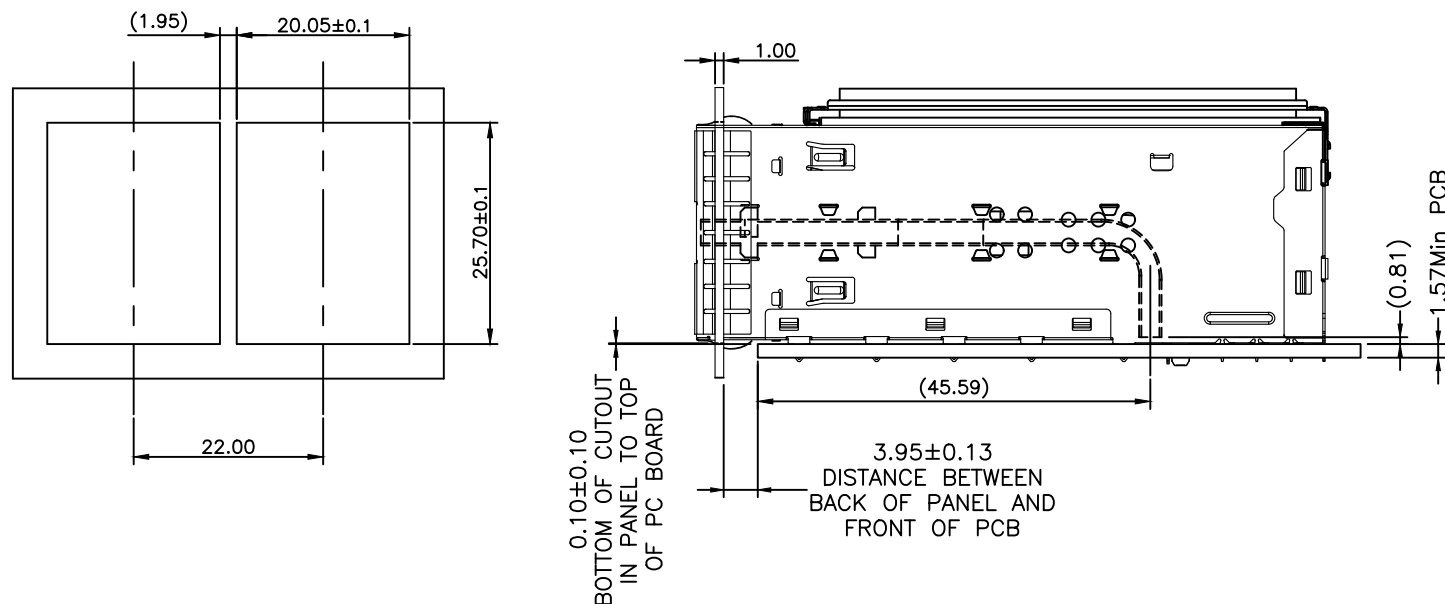
1. CONTACT AREA : PLATING GOLD 0.76 MICROMETERS MINIMUM
OVER 1.27 MICROMETERS NICKEL.
2. CONTACT NEEDLE EYE: 2.54~5.08 MICROMETERS MATTE TIN
OVER 1.27~2.54 MICROMETERS NICKEL.
3. EMI CLIP: 0.76~2.54 MICROMETERS NICKEL OVER ALL.

ENVIRONMENTAL:

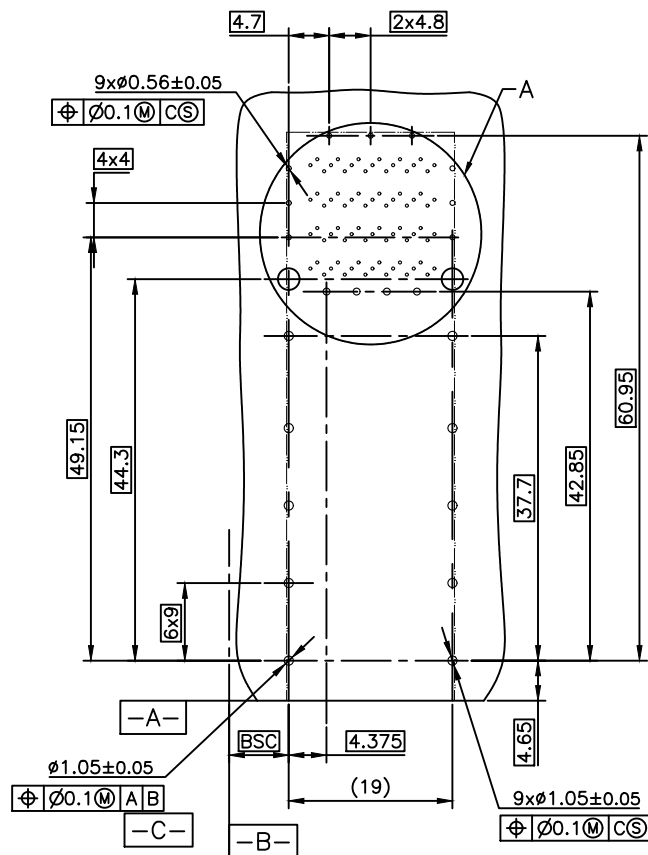
1. LOW LEVEL CONTACT RESITANCE(LLCR): ΔR 20 MILLIOHMS MAXIMUM.
2. WITHSTANDING VOLTAGE: 300V AC/MAXIMUM.
3. RATINGS CURRENT: 0.5 Amps MAXIMUM.
4. RATINGS VOLTAGE: 30 Volts AC(RMS)/DC MAX.
5. OPERATION: $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$.
6. STORAGE: $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$.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



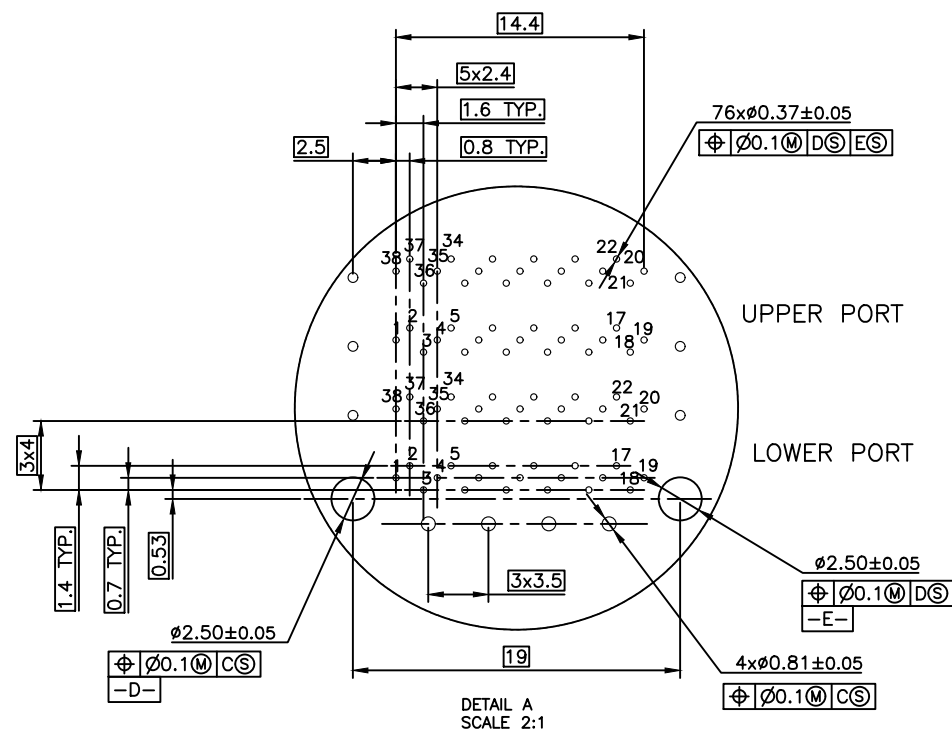
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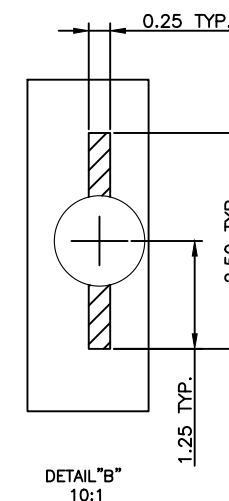
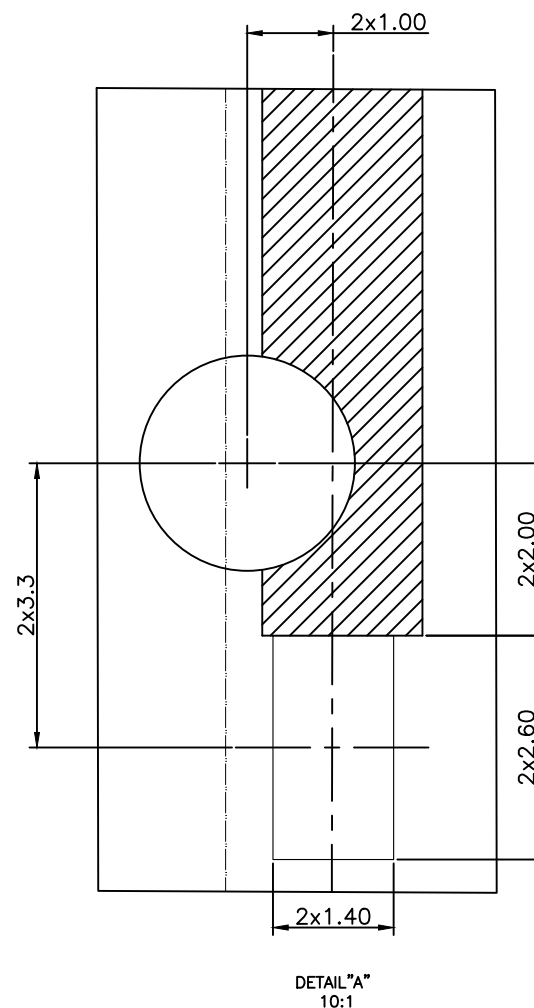
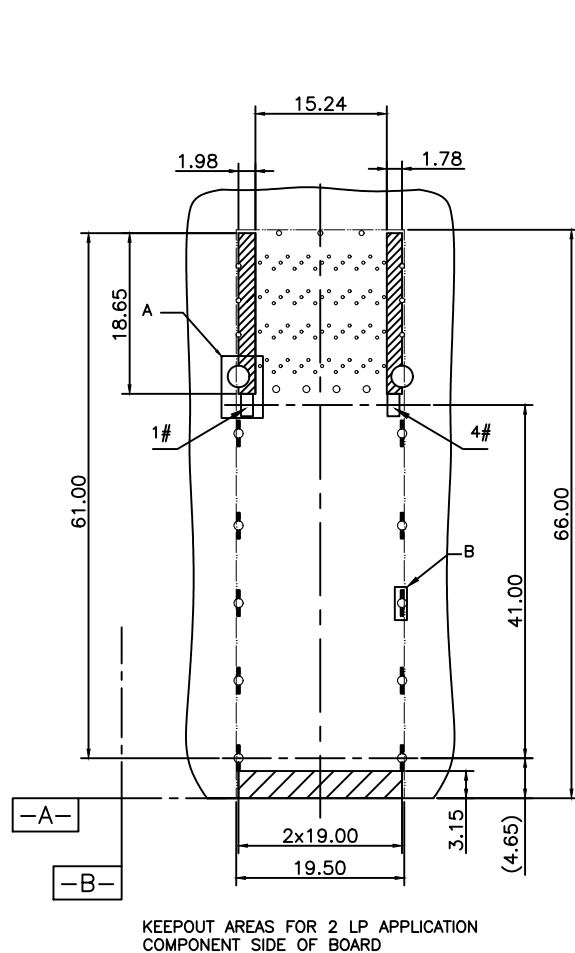


RECOMMENDED PC BOARD LAYOUT
COMPONENT SIDE OF BOARD
(PCB TOLERANCE:±0.05)



DETAIL A
SCALE 2:1

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CHECK	Victor	DATE	2024-10-30	.XX±0.20	.XX±0.5°			
APPROVE	Victor	DATE	2024-10-30	.XXX±0.10				REV:A