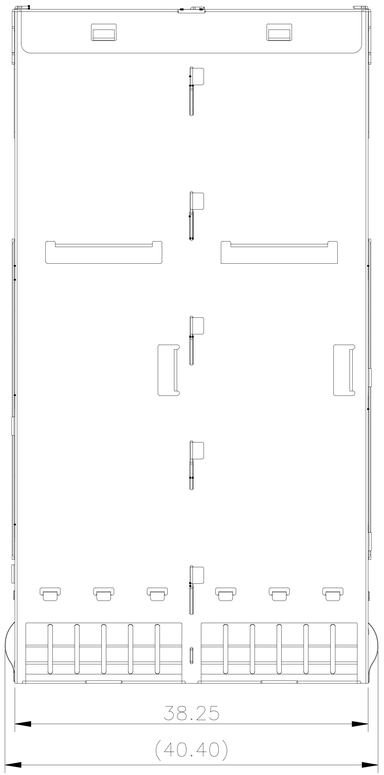
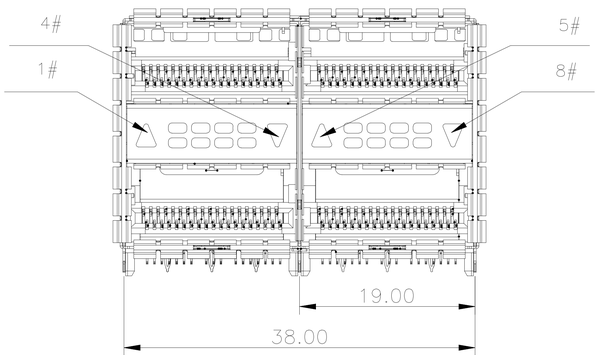
REV	DESCRIPTION OF CHANGE	REVIEWED BY	ISSUE DATE
A	FIRST ISSUE	LEO	2021-09-13

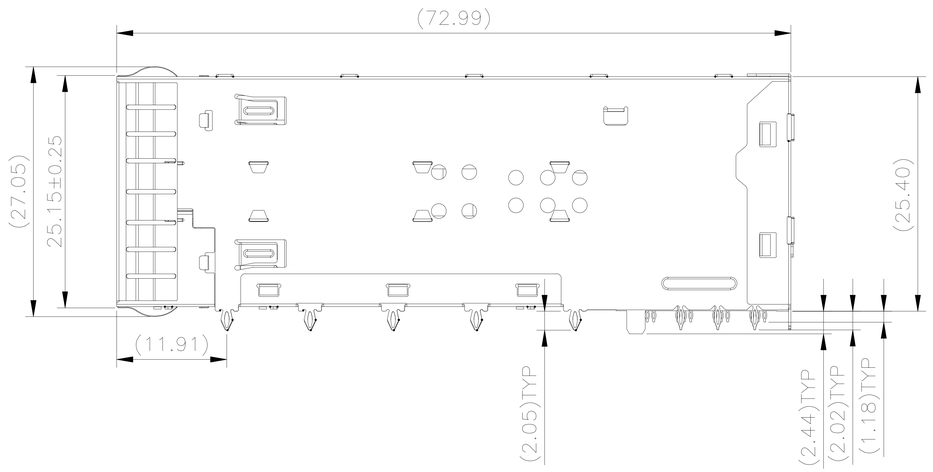




NOTE:
MATERIAL:
1. CONTACT: COPPER ALLOY.
2. HOUSING & COVER:
   HIGH TEMPERATURE PLASTIC UL 94V-0. COLOR: BLACK.
3. MOULDED INSERT:
   HIGH TEMPERATURE PLASTIC UL 94V-0. COLOR:BLACK.
4. CAGE:
   TOP CAGE: COPPER ALLOY T=0.25mm.
   BOTTOM CAGE:STAINLESS STEEL T=0.25mm.
   BACK CAGE:COPPER ALLOY T=0.25mm.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

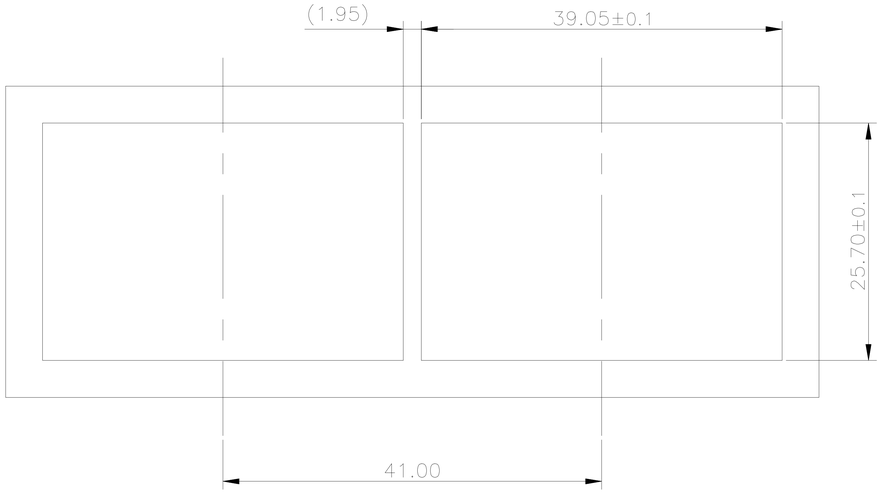
PLATED:
1. CONTACT AREA : PLATING GOLD 0.76 MICROMETERS MINIMUM
   OVER 1.27 MICROMETERS NICKEL.
2. CONTACT NEEDEL EYE: 2.54~5.08 MICROMETERS MATTE TIN
   OVER 1.27~2.54 MICROMETERS NICKEL.
3. TOP & BACK CAGE: 0.76~2.54 MICROMETERS NICKEL OVER ALL.
4. EMI CLIP: 0.76~2.54 MICROMETERS NICKEL OVER ALL.

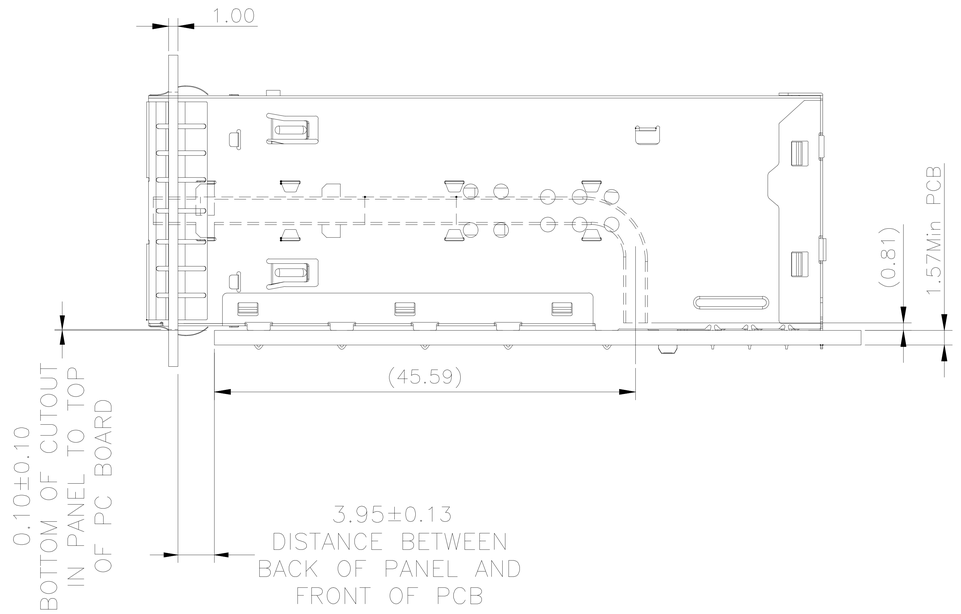
ENVIRONMENTAL:
1. LOW LEVEL CONTACT RESITANCE(LLCR): ΔR 20 MILLIOHMS MAXIMUM.
2. WITHSTANDING VOLTAGE: 300V AC/MAXIMUM.
3. RATINGS CURRENT: 0.5 Amps MAXIMUM.
4. RATINGS VOLTAGE: 30 Volts AC(RMS)/DC MAX.
5. OPERATION: -40°C~+85°C.
6. STORAGE: -40°C~+85°C.
7. ROHS COMPLIANT



RoHS
2011/65/EU

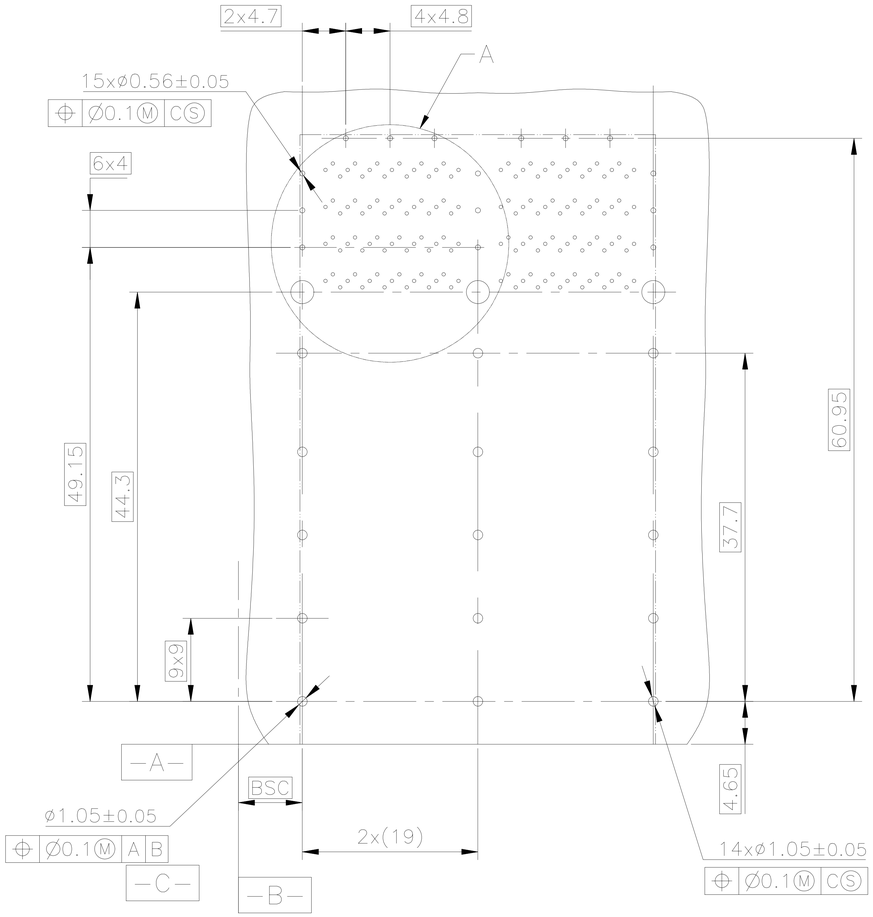
TITLE			LINK-PP INT'L TECHNOLOGY CO., LIMITED			
QSFP28 2X2 CAGE & CONNECTOR WITH EMI SPRING FINGER LIGHT PIPE						
PART NO. LP22FC01603V			GENNERAL TOLERANCE		UNIT:MM	SIZE:A4
APPROVE	CHECK	DRAW	◦ X±0.20	◦ X±1°	SCALE:1:1	SHEET:1/5	REV:A
LEO	JAMES	JAMES	◦ XX±0.15	◦ XX±5°			
			◦ XXX±0.10				



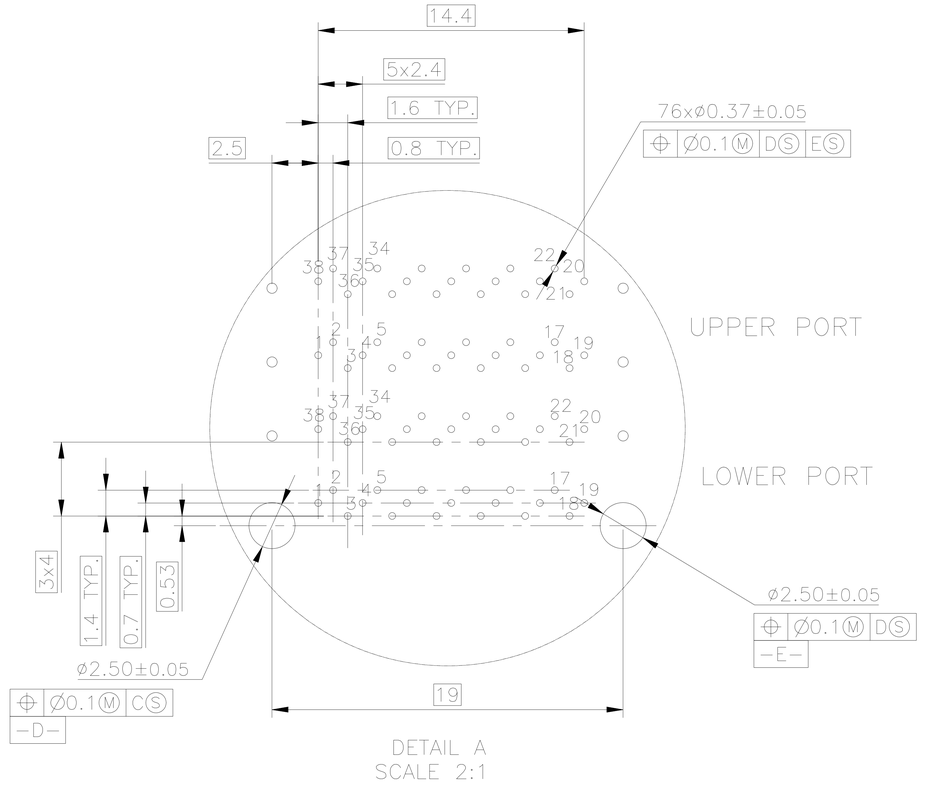


RoHS
2011/65/EU

TITLE: QSFP28 2X2 CAGE & CONNECTOR WITH EMI SPRING FINGER LIGHT PIPE			LINK-PP INT'L TECHNOLOGY CO., LIMITED			
PART NO. LP22FC01603V			GENNERAL TOLERANCE		UNIT:MM	SIZE:A4
APPROVE	CHECK	DRAW	◦ X±0.20	◦ X±1°	SCALE:1:1	SHEET:2/5	REV:A
LEO	JAMES	JAMES	◦ XX±0.15	◦ XX±5°			
			◦ XXX±0.10			



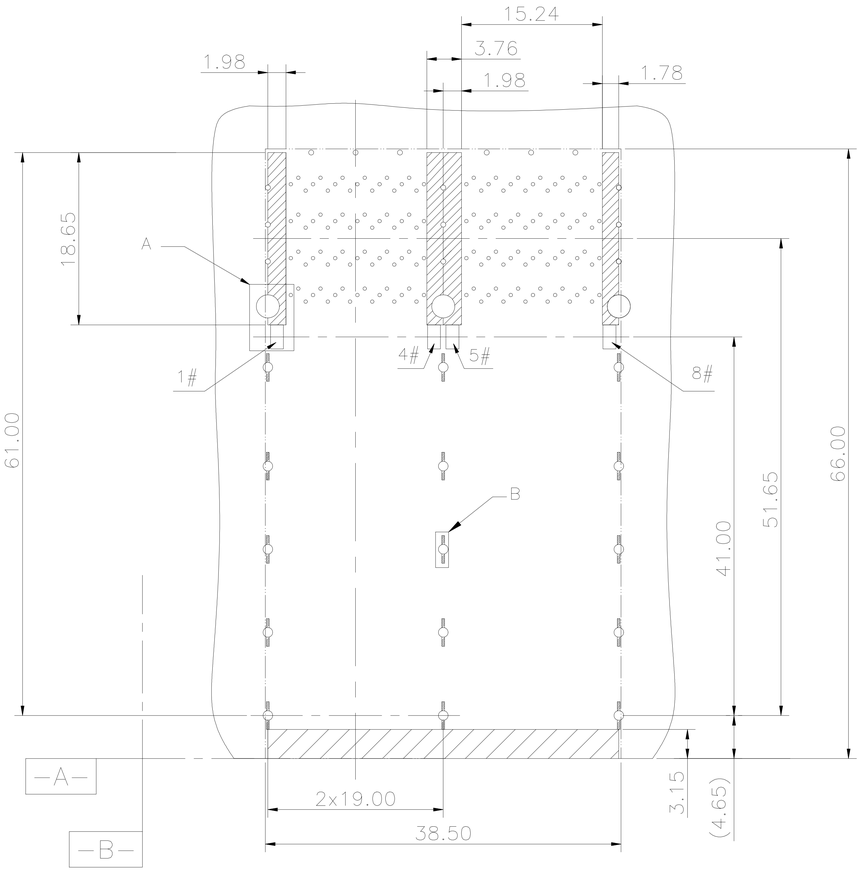
RECOMMENDED PC BOARD LAYOUT
COMPONENT SIDE OF BOARD
(PCB TOLERANCE:±0.05)



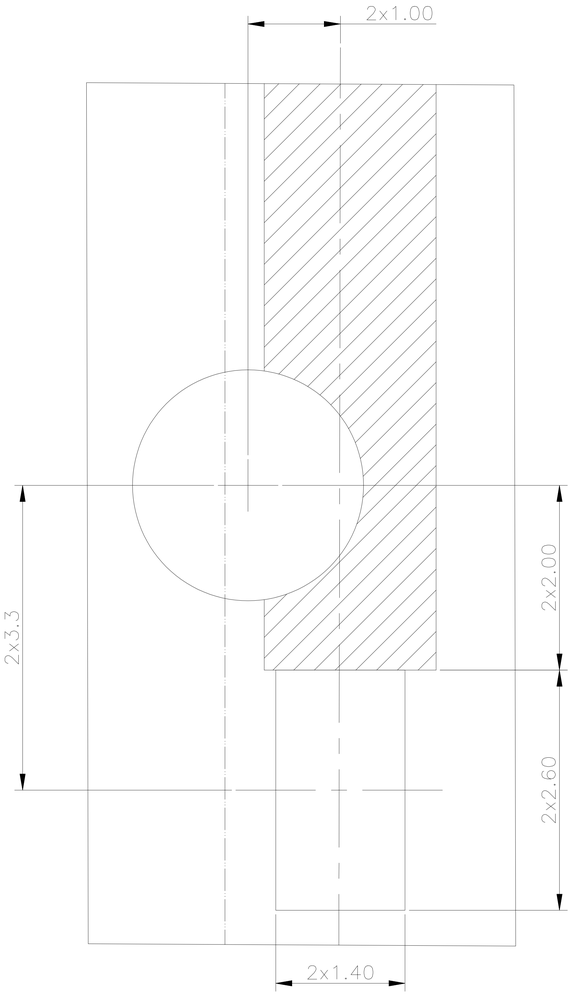
DETAIL A
SCALE 2:1

RoHS
2011/65/EU

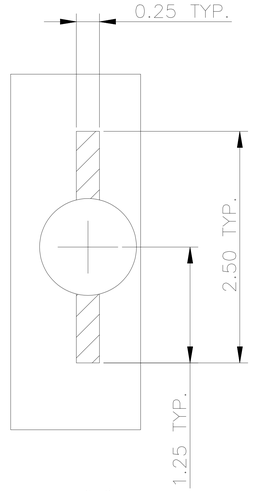
TITLE: QSFP28 2X2 CAGE & CONNECTOR WITH EMI SPRING FINGER LIGHT PIPE			LINK-PP INT'L TECHNOLOGY CO., LIMITED			
PART NO. LP22FC01603V			GENNERAL TOLERANCE		UNIT:MM	SIZE:A4
APPROVE	CHECK	DRAW	◦ X±0.20	◦ X±1°	SCALE:1:1	SHEET:3/5	REV:A
LEO	JAMES	JAMES	◦ XX±0.15	◦ XX±5°			
			◦ XXX±0.10				



KEEPOUT AREAS FOR 2 LP APPLICATION
COMPONENT SIDE OF BOARD



DETAIL"A"
10:1

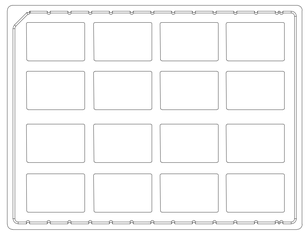


DETAIL"B"
10:1

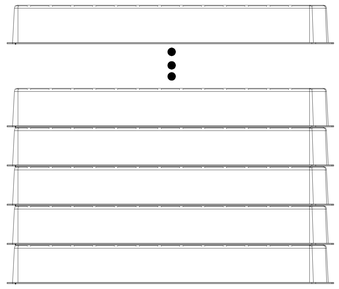
RoHS
2011/65/EU

TITLE: QSFP28 2X2 CAGE & CONNECTOR WITH EMI SPRING FINGER LIGHT PIPE			LINK-PP INT'L TECHNOLOGY CO., LIMITED			
PART NO. LP22FC01603V			GENNERAL TOLERANCE		UNIT:MM	SIZE:A4
APPROVE	CHECK	DRAW	◦ X±0.20	◦ X±1°	SCALE:1:1	SHEET:4/5	REV:A
LEO	JAMES	JAMES	◦ XX±0.15	◦ XX±5°			
			◦ XXX±0.10				

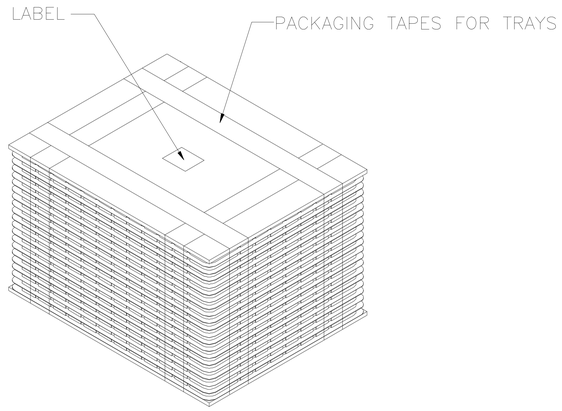
PACKAGE INFORMATION AND LABLE



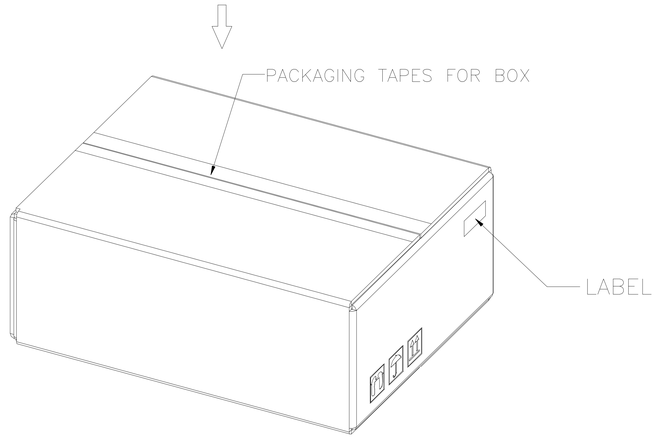
1. 12PCS PRODUCTS IN TRAYS



2. 4PCS TRAYS OVERLAY:
(THE NEXT TRAY NEED ROTATE 180 DEGREE AND PUT IT ON PREVIOUS TRAY.)



3. LABEL & PACKAGING TAPES FOR TRAYS:



4. LABEL & PACKAGING TAPES FOR BOX

PACKAGING LISTS	
ITEM	Q'TY
PRODUCT	48 PCS
TRAY	4 PCS
BOX(L340*W265*H200MM)	1 PCS
LABLE	2 PCS
PACKAGING TAPES	8 M (ABOUT)

RoHS 2011/65/EU

TITLE: QSFP28 2X2 CAGE & CONNECTOR WITH EMI SPRING FINGER LIGHT PIPE			LINK-PP INT'L TECHNOLOGY CO., LIMITED			
PART NO. LP22FC01603V			GENNERAL TOLERANCE		UNIT:MM	SIZE:A4
APPROVE	CHECK	DRAW	◦ X±0.20	◦ X±1°	SCALE:1:1	SHEET:5/5	REV:A
LEO	JAMES	JAMES	◦ XX±0.15	◦ XX±5°			
			◦ XXX±0.10				