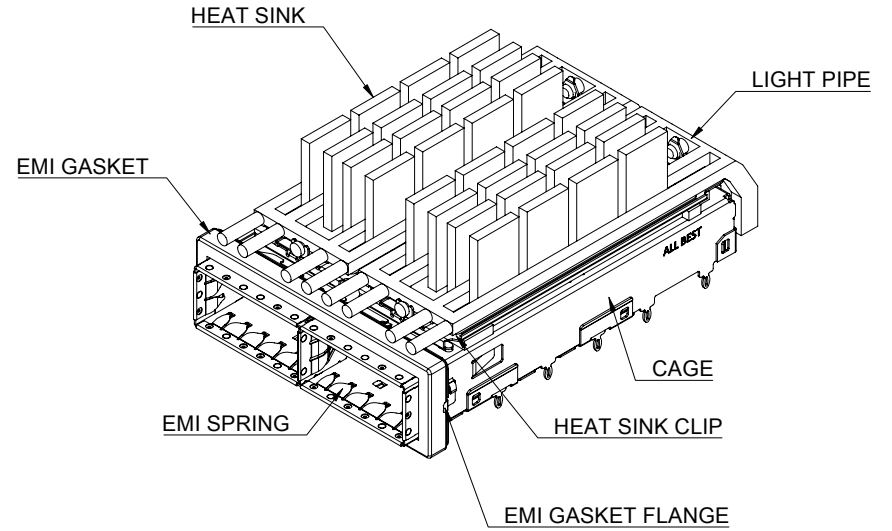
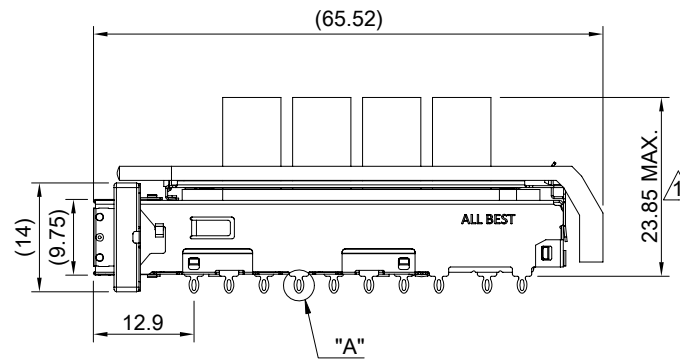
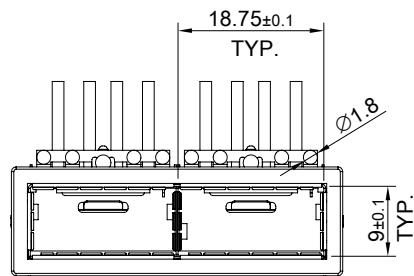


DETAIL A
SCALE 4:1



MATERIAL
 CAGE: NICKEL SILVER
 EMI SPRING: STAINLESS STEEL
 EMI GASKET FLANGE: STAINLESS STEEL
 EMI GASKET: CONDUCTIVE ELASTOMER
 HEAT SINK: ALUMINUM
 HEAT SINK CLIP: STAINLESS STEEL
 LIGHT PIPE: PC

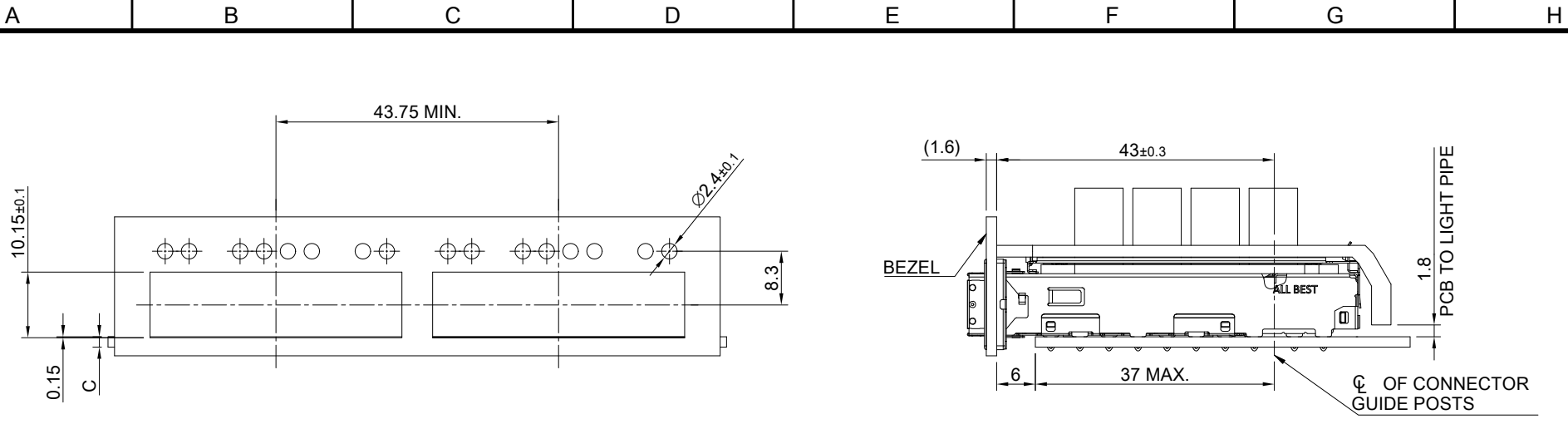
FINISH
 HEAT SINK: ANODE PROCESS

NOTE
 ▲ DIMENSION APPLIES WITH MODULE INSERTED IN CAGE

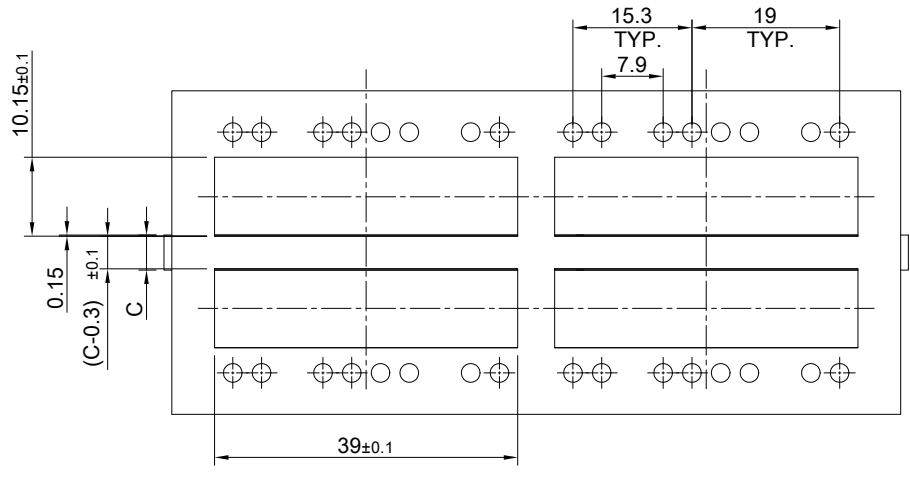
THIS PRINT IS
PRELIMINARY
 UNQUALIFIED PRODUCT
 CONTACT PRODUCT ENGINEERING
 BEFORE USING THIS PRINT



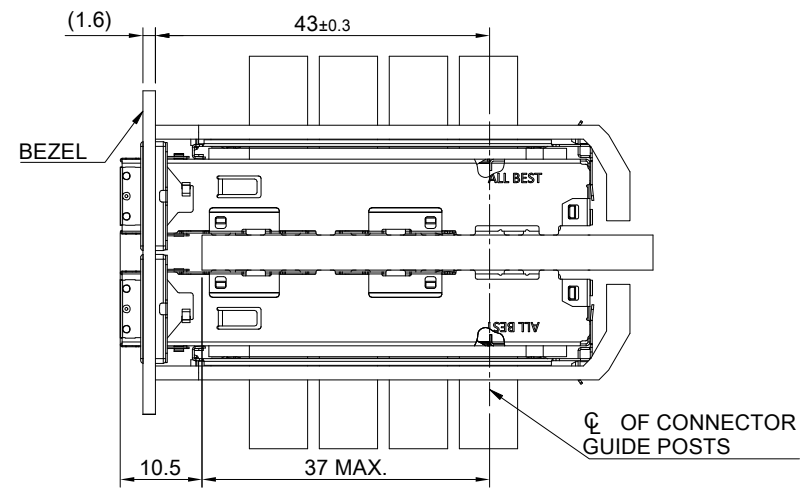
TITLE: QSFP56 1X2 Cage Assembly w/ Light Pipe & NET Heat Sink			
DWG#: R-OR-DZQ2-4CGEE-MK		SHEET: 1/4	REV. REF
UNIT: mm	SCALE: A4 1:1	CHECKED:	
TOLERANCE: Angle: ± 1° X.± 0.25 .X± 0.20 .XX± 0.15		MATERIAL: RoHS Compliant	APPROVED:
THIRD ANGLE PROJECTION		DRAWN: Pohsiung	DATE: 3/14/2024



SINGLE-SIDE CONFIGURATION



BELLY TO BELLY CONFIGURATION

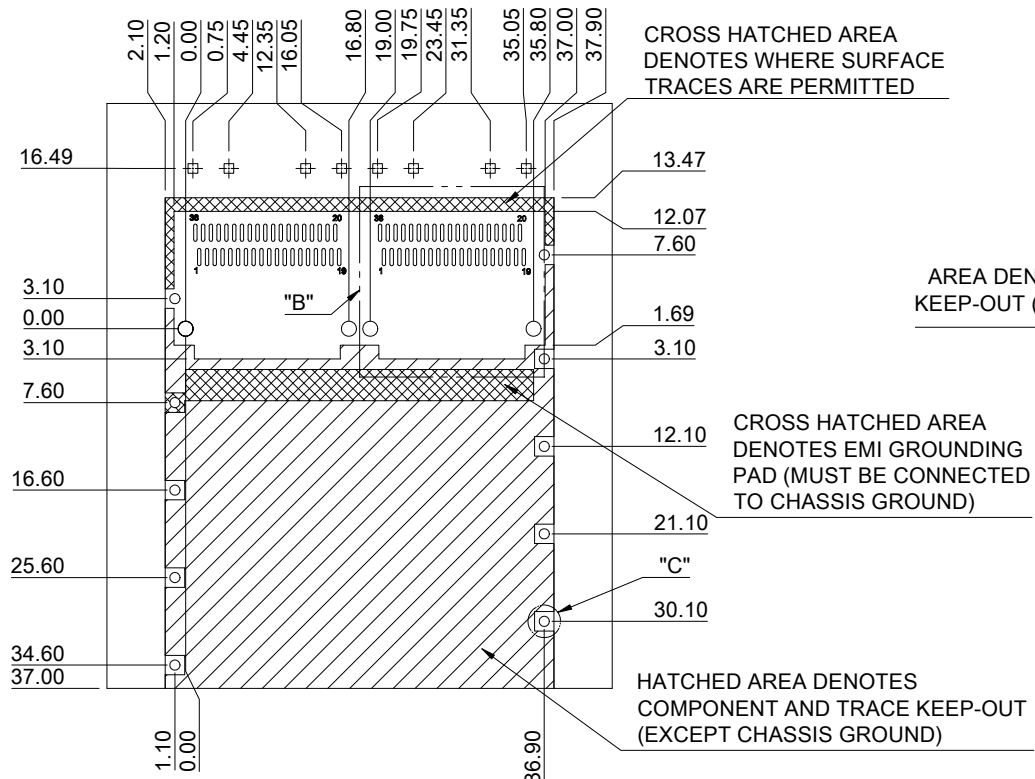


C = THICKNESS OF PC BOARD
 SINGLE-SIDE = 1.6MM (MIN.)
 BELLY TO BELLY = 4.5MM (MIN.)

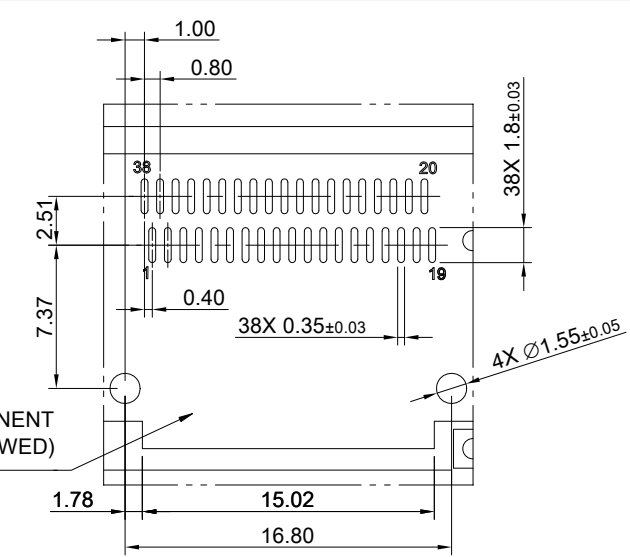
THIS PRINT IS
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 BEFORE USING THIS PRINT



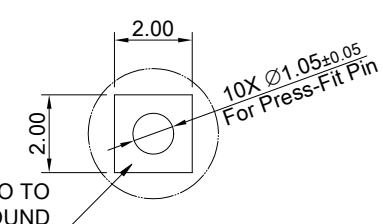
TITLE: QSFP56 1X2 Cage Assembly w/ Light Pipe & NET Heat Sink			
DWG#: R-OR-DZQ2-4CGEE-MK		SHEET: 2/4	REV. REF
UNIT: mm	SCALE: A4 1:1	CHECKED:	
THIRD ANGLE PROJECTION		APPROVED:	
TOLERANCE: Angle: ± 1°		MATERIAL: RoHS Compliant	DATE:
X.± 0.15 .X± 0.10 .XX± 0.05		Drawn: Pohsiung	3/14/2024



PCB LAYOUT FOR SINGLE-SIDE CONFIGURATION
 TOLERANCE: ± 0.05
 MINIMUM PCB THICKNESS OF 1.6 MM




DETAIL B
SCALE 2:1



DETAIL C
SCALE 4:1

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 UNQUALIFIED PRODUCT
 CONTACT PRODUCT ENGINEERING
 BEFORE USING THIS PRINT

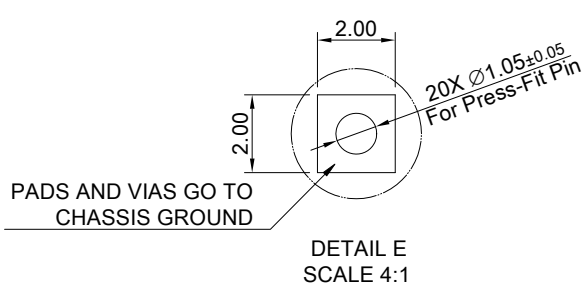
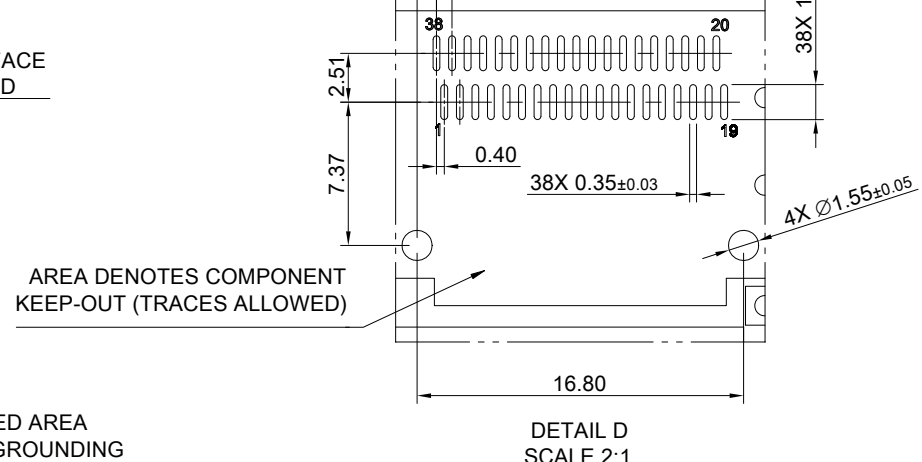
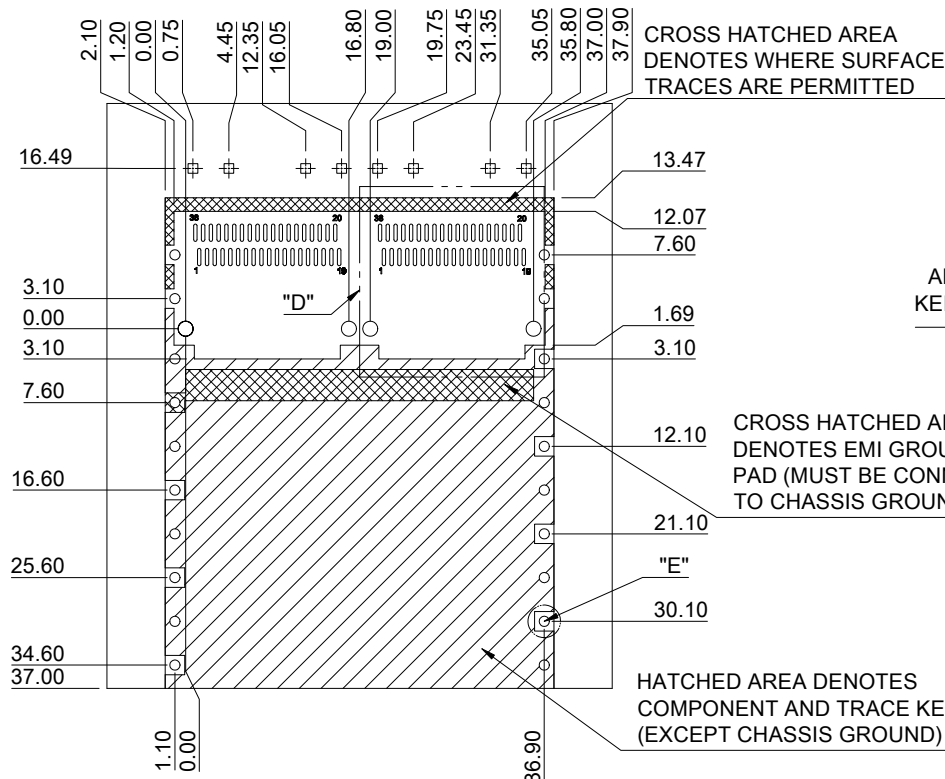
 ALL BEST ELECTRONICS CO., LTD.	TITLE: QSFP56 1X2 Cage Assembly w/ Light Pipe & NET Heat Sink		SHEET: 3/4		REV. REF	
	DWG#: R-OR-DZQ2-4CGEE-MK		CHECKED:		APPROVED:	
UNIT: mm	SCALE: A4 5:4	FINISH:		MATERIAL: RoHS Compliant		
TOLERANCE: Angle: $\pm 1^\circ$ $X \pm 0.15$. $X \pm 0.10$. $XX \pm 0.05$		DRAWN: Pohsiung		DATE: 3/14/2024		

1
2
3
4
5
6
7
8

1
2
3
4
5
6
7
8

A B C D E F G H

A B C D E F G H



PCB LAYOUT FOR BELLY TO BELLY CONFIGURATION
 TOLERANCE: ±0.05
 MINIMUM PCB THICKNESS OF 4.5 MM

CROSS HATCHED AREA
 DENOTES WHERE SURFACE
 TRACES ARE PERMITTED

AREA DENOTES COMPONENT
 KEEP-OUT (TRACES ALLOWED)

CROSS HATCHED AREA
 DENOTES EMI GROUNDING
 PAD (MUST BE CONNECTED
 TO CHASSIS GROUND)

HATCHED AREA DENOTES
 COMPONENT AND TRACE KEEP-OUT
 (EXCEPT CHASSIS GROUND)

THIS PRINT IS
PRELIMINARY
 UNQUALIFIED PRODUCT
 CONTACT PRODUCT ENGINEERING
 BEFORE USING THIS PRINT



TITLE: QSFP56 1X2 Cage Assembly w/ Light Pipe & NET Heat Sink			
DWG#: R-OR-DZQ2-4CGEE-MK		SHEET: 4/4	REV. REF
UNIT: mm	SCALE: A4 5:4	FINISH: CHECKED:	
THIRD ANGLE PROJECTION		MATERIAL: RoHS Compliant	
TOLERANCE: Angle: ± 1° X: ± 0.15 .X: ± 0.10 .XX: ± 0.05		DRAWN: Pohsiung	APPROVED: DATE: 3/14/2024