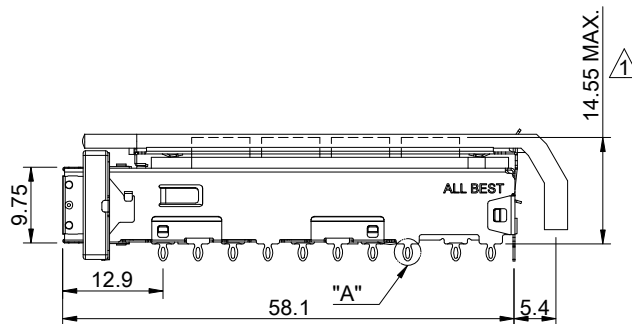
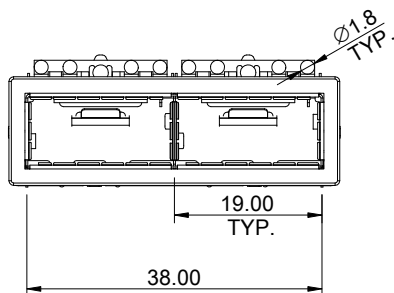
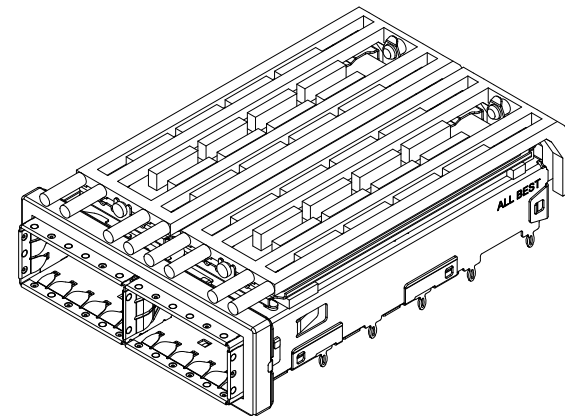


DETAIL A
SCALE 5:1



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

FINISH
 HEAT SINK: ANODE PROCESS

NOTE
 ▲ DIMENSION APPLIES WITH MODULE INSERTED IN CAGE

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PRELIMINARY
 UNQUALIFIED PRODUCT
 CONTACT PRODUCT ENGINEERING
 BEFORE USING THIS PRINT



TITLE: QSFP+ 1X2 Cage Assembly w/ Light Pipe & Heat Sink

DWG#: R-OR-Q2-4CGEG

SHEET: 1/4
 REV. REF

UNIT: mm
 SCALE: A4 1:1

FINISH: CHECKED:

THIRD ANGLE PROJECTION

MATERIAL: RoHS Compliant

APPROVED:

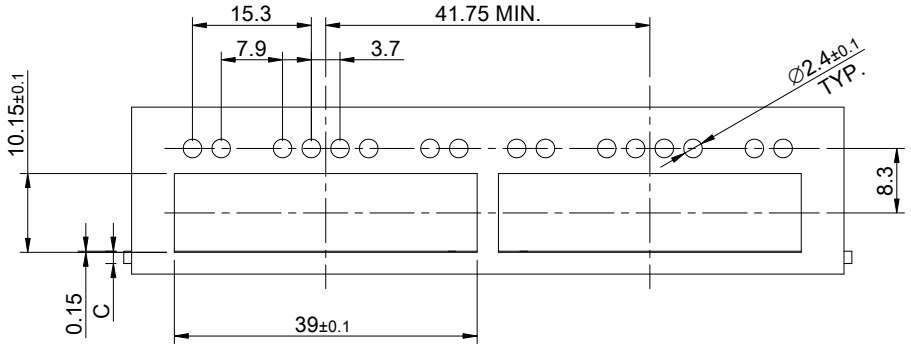
TOLERANCE: Angle: ± 1°
 X: ± 0.25 .X: ± 0.20 .XX: ± 0.15

DRAWN: Gary

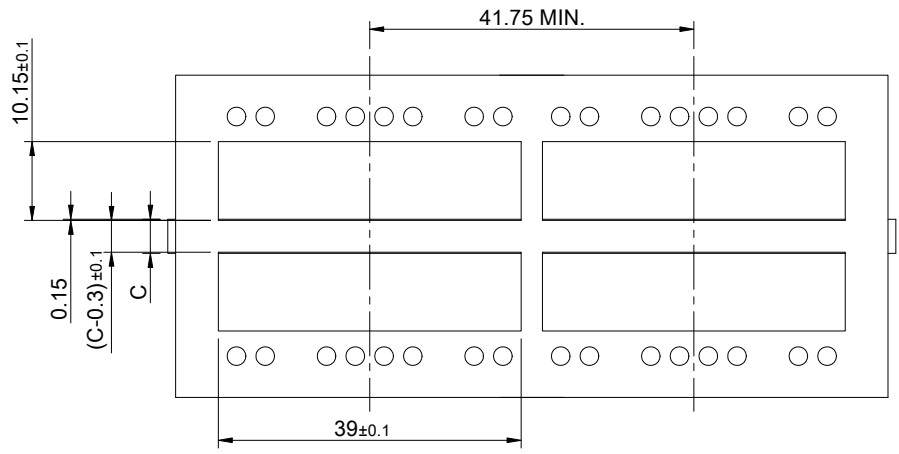
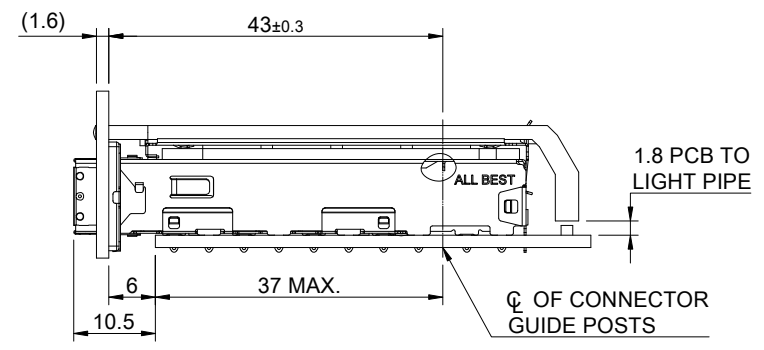
DATE: 03/15/2024

A B C D E F G H

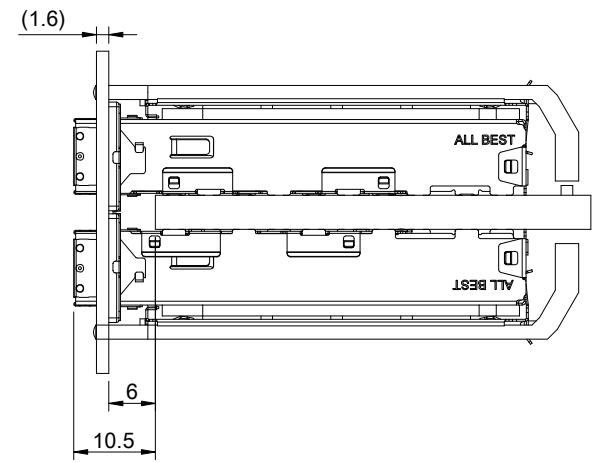
1
2
3
4
5
6
7
8



SINGLE-SIDE CONFIGURATION



BELLY TO BELLY CONFIGURATION



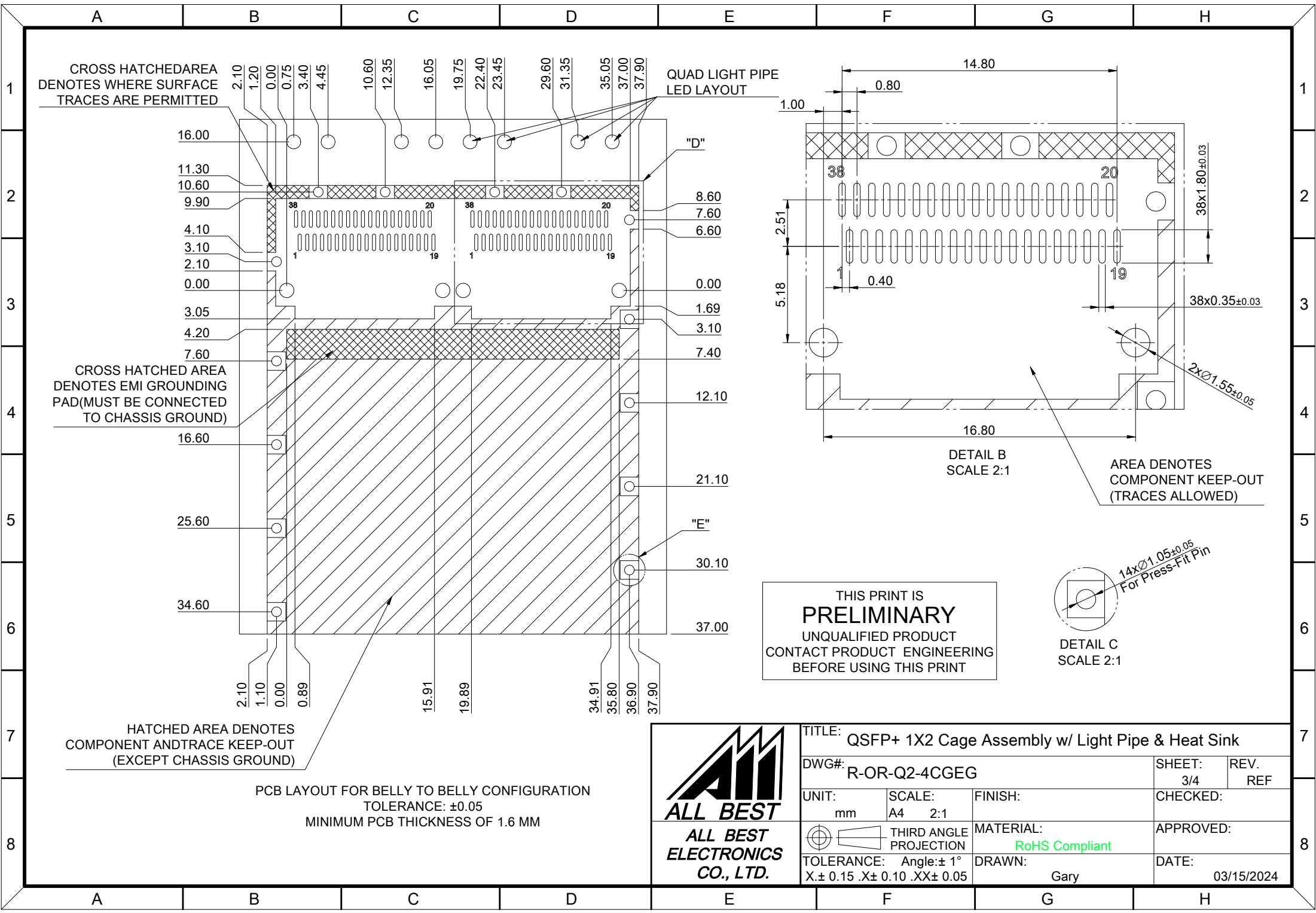
C = THICKNESS OF PC BOARD
 SINGLE-SIDE = 1.6MM (MIN.)
 BELLY TO BELLY = 4.4MM (MIN.)

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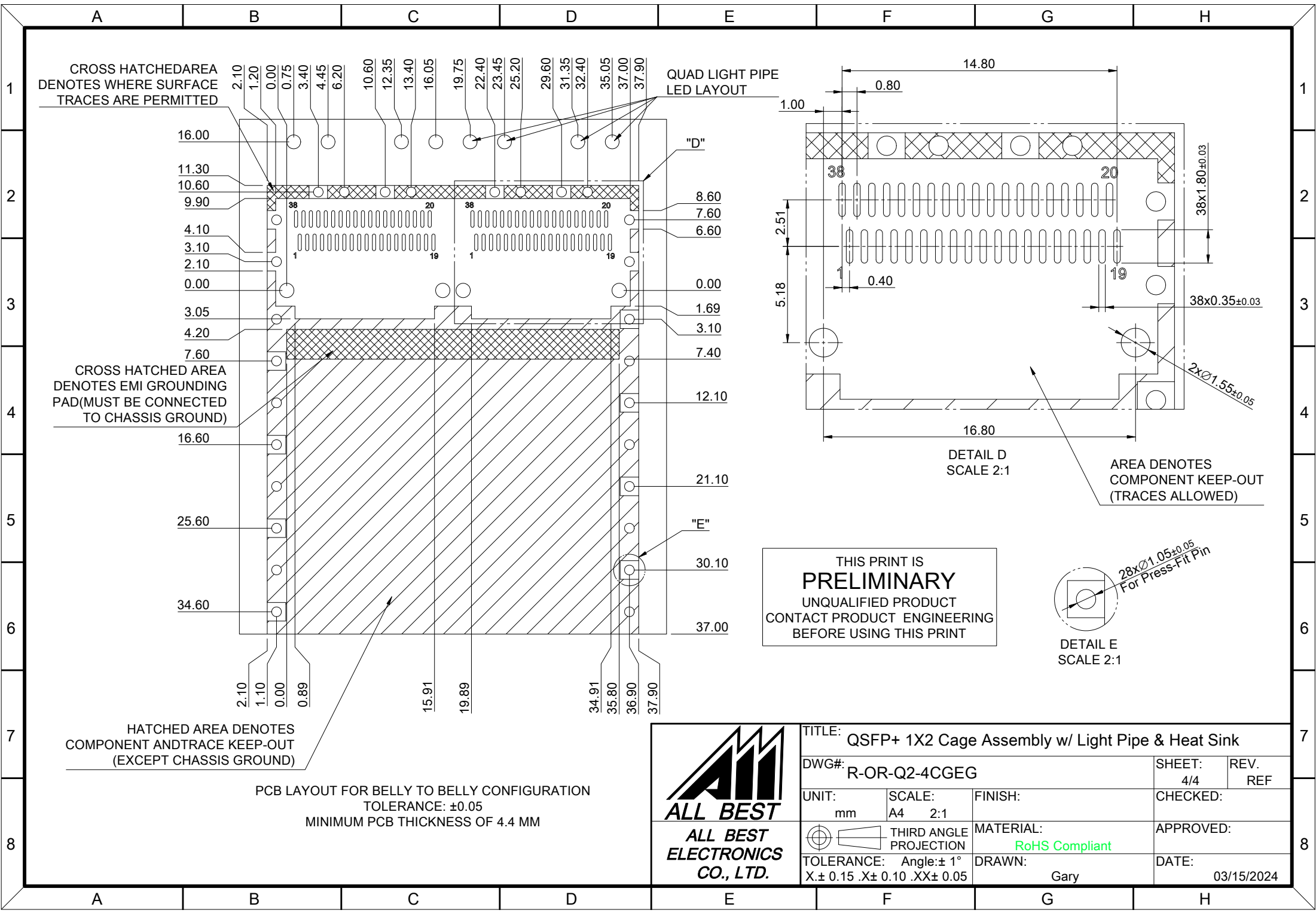


TITLE: QSFP+ 1X2 Cage Assembly w/ Light Pipe & Heat Sink			
DWG#: R-OR-Q2-4CGEG		SHEET: 2/4	REV. REF
UNIT: mm	SCALE: A4 1:1	FINISH:	CHECKED:
THIRD ANGLE PROJECTION		MATERIAL: RoHS Compliant	APPROVED:
TOLERANCE: Angle: ± 1° X ± 0.15 .X ± 0.10 .XX ± 0.05		DRAWN: Gary	DATE: 03/15/2024

A B C D E F G H



TITLE: QSFP+ 1X2 Cage Assembly w/ Light Pipe & Heat Sink			
DWG#: R-OR-Q2-4CGEG		SHEET: 3/4	REV. REF
UNIT: mm	SCALE: A4 2:1	CHECKED:	
TOLERANCE: Angle: $\pm 1^\circ$ X: ± 0.15 .X: ± 0.10 .XX: ± 0.05		MATERIAL: RoHS Compliant	APPROVED:
DRAWN: Gary		DATE: 03/15/2024	



CROSS HATCHED AREA DENOTES WHERE SURFACE TRACES ARE PERMITTED

QUAD LIGHT PIPE LED LAYOUT

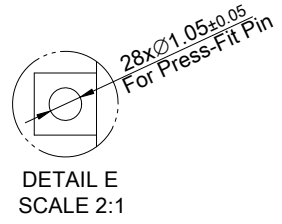
CROSS HATCHED AREA DENOTES EMI GROUNDING PAD (MUST BE CONNECTED TO CHASSIS GROUND)

DETAIL D SCALE 2:1

AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)

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

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PCB LAYOUT FOR BELLY TO BELLY CONFIGURATION
TOLERANCE: ±0.05
MINIMUM PCB THICKNESS OF 4.4 MM



TITLE: QSFP+ 1X2 Cage Assembly w/ Light Pipe & Heat Sink			
DWG#: R-OR-Q2-4CGEG		SHEET: 4/4	REV. REF
UNIT: mm	SCALE: A4 2:1	CHECKED:	
TOLERANCE: Angle: ± 1° X ± 0.15 .X ± 0.10 .XX ± 0.05		MATERIAL: RoHS Compliant	APPROVED:
DRAWN: Gary		DATE: 03/15/2024	