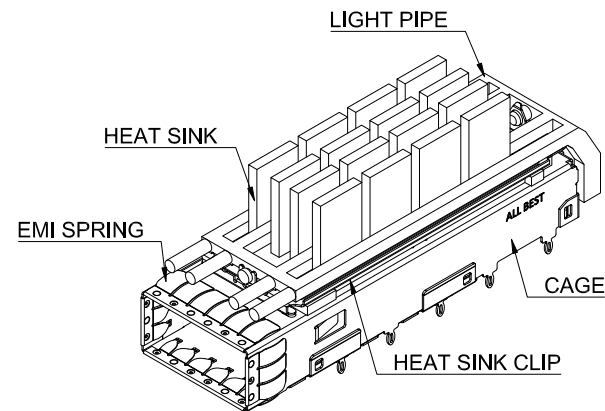
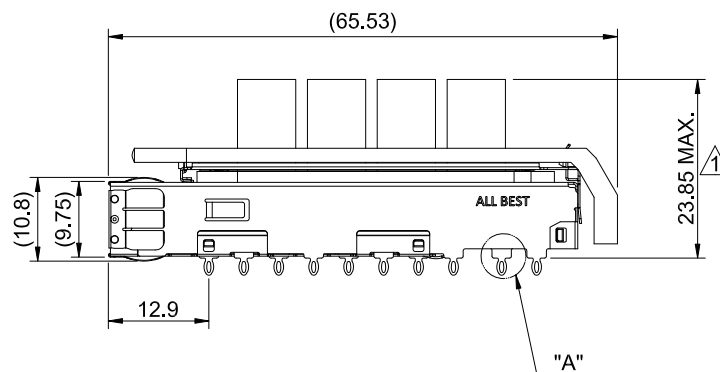


DETAIL A
SCALE 5:1



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

FINISH
 HEAT SINK: ANODE PROCESS

NOTE
 ▲ DIMENSION APPLIES WITH MODULE INSERTED IN CAGE



TITLE: QSFP28 1X1 Cage Assembly w/ Light Pipe & Heat Sink

DWG#: R-OR-ZQ1-4CMEE-MK

SHEET: 1/4
 REV. B

UNIT: mm

SCALE: A4 1:1

FINISH:

CHECKED: Gary Heng

THIRD ANGLE PROJECTION

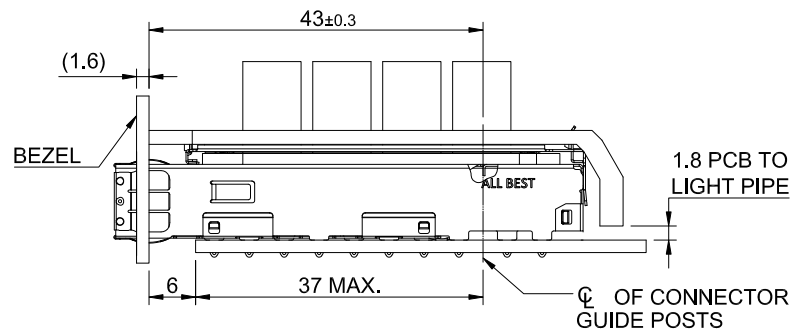
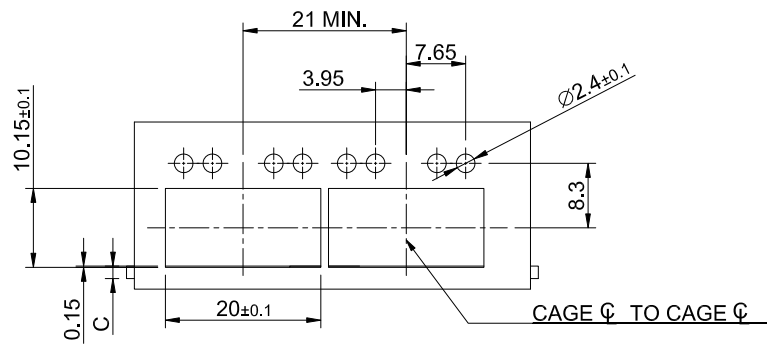
MATERIAL: RoHS Compliant

APPROVED: George Yang

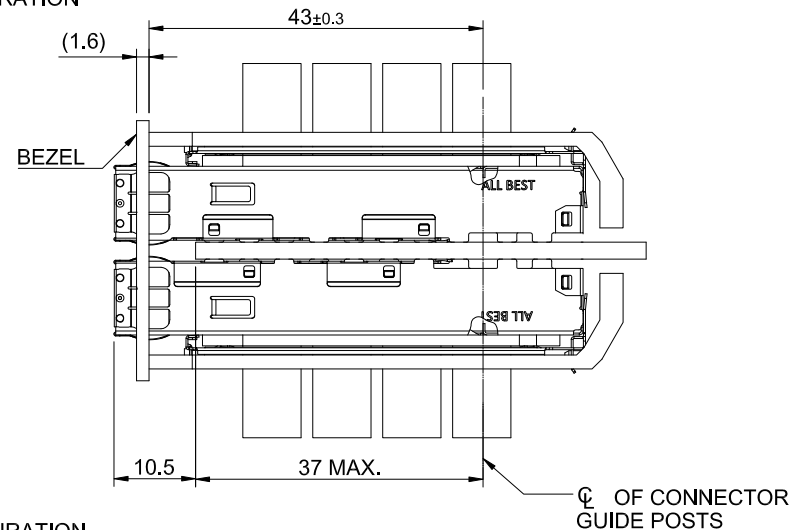
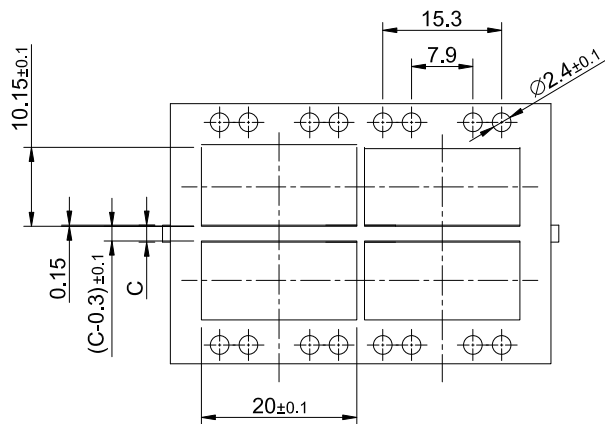
TOLERANCE: Angle: ± 1°
 X.± 0.25 .X± 0.20 .XX± 0.15

DRAWN: Laura

DATE: 02/12/2019



SINGLE-SIDE CONFIGURATION



BELLY TO BELLY CONFIGURATION

C = THICKNESS OF PC BOARD
 SINGLE-SIDE = 1.6MM (MIN.)
 BELLY TO BELLY = 2.2MM (MIN.)



TITLE: QSFP28 1X1 Cage Assembly w/ Light Pipe & Heat Sink

DWG#: R-OR-ZQ1-4CMEE-MK

SHEET: 2/4
 REV. B

UNIT: mm
 SCALE: A4 1:1

FINISH: RoHS Compliant

CHECKED: Gary Yang

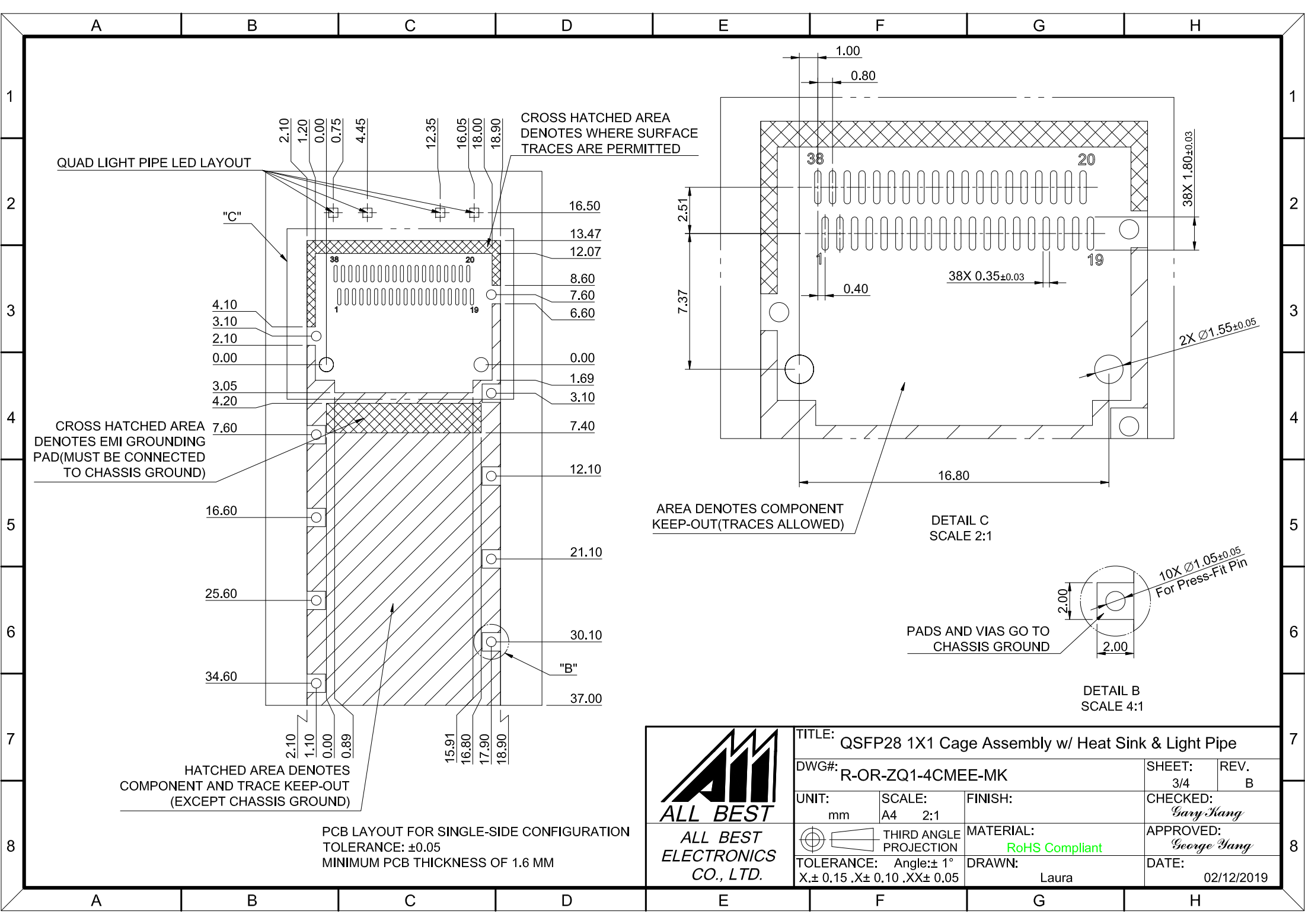
MATERIAL: RoHS Compliant

APPROVED: George Yang

TOLERANCE: Angle: ± 1°
 X.± 0.15 .X± 0.10 .XX± 0.05

DRAWN: Laura

DATE: 02/12/2019



QUAD LIGHT PIPE LED LAYOUT

CROSS HATCHED AREA DENOTES WHERE SURFACE TRACES ARE PERMITTED

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

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

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

AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)

DETAIL C
SCALE 2:1

PADS AND VIAS GO TO CHASSIS GROUND

DETAIL B
SCALE 4:1



ALL BEST ELECTRONICS CO., LTD.

TITLE: QSFP28 1X1 Cage Assembly w/ Heat Sink & Light Pipe

DWG#: R-OR-ZQ1-4CMEE-MK

UNIT: mm SCALE: A4 2:1 FINISH: RoHS Compliant

TOLERANCE: X±0.15 .X±0.10 .XX±0.05

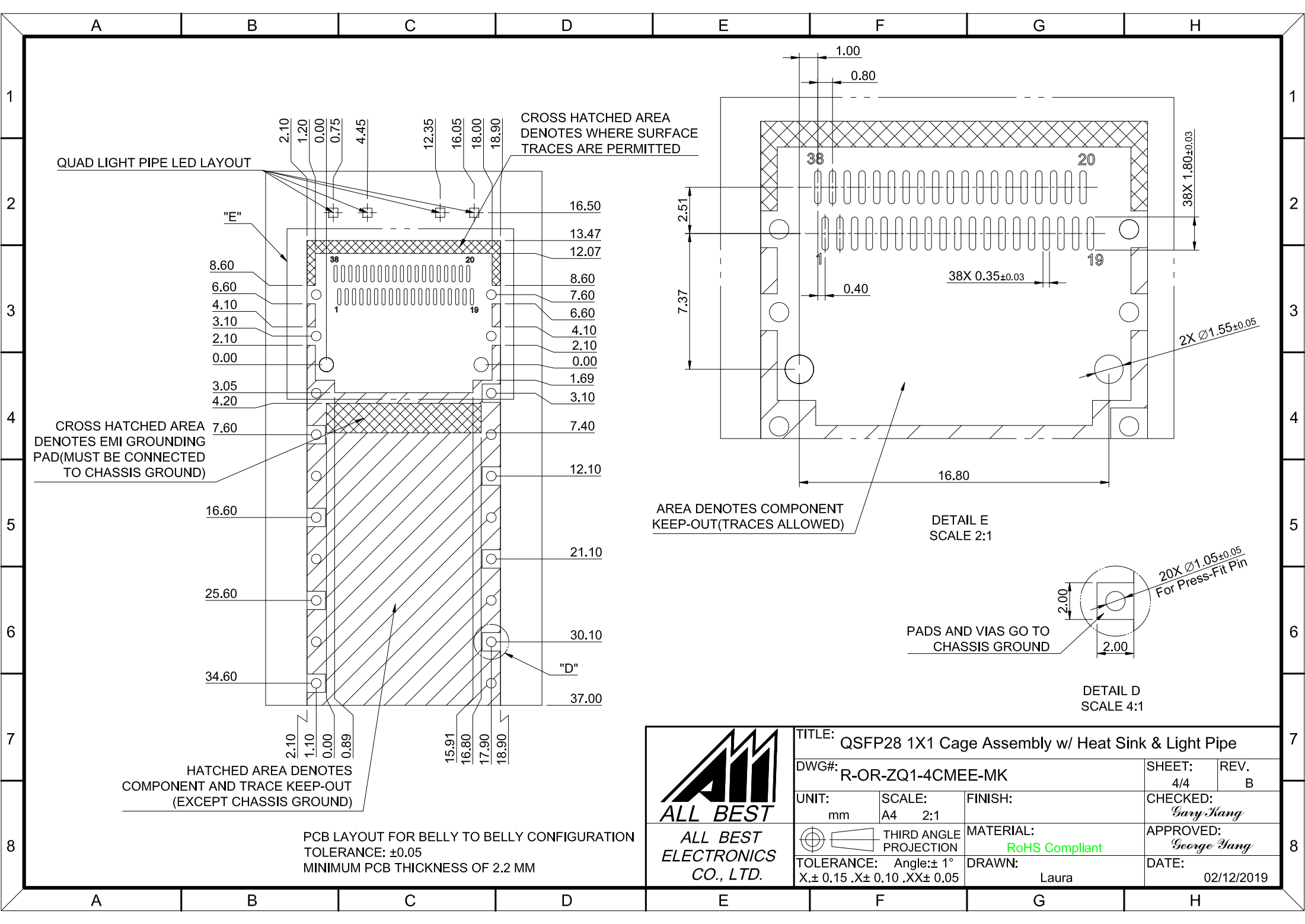
THIRD ANGLE PROJECTION MATERIAL: RoHS Compliant DRAWN: Laura DATE: 02/12/2019

SHEET: 3/4 REV: B

CHECKED: Gary Yang

APPROVED: George Yang

DATE: 02/12/2019



<p>ALL BEST ELECTRONICS CO., LTD.</p>	TITLE: QSFP28 1X1 Cage Assembly w/ Heat Sink & Light Pipe		SHEET: 4/4		REV. B	
	DWG#: R-OR-ZQ1-4CMEE-MK		CHECKED: Gary Yang		APPROVED: George Yang	
	UNIT: mm	SCALE: A4 2:1	FINISH:	MATERIAL: RoHS Compliant		
	TOLERANCE: X.± 0.15 .X± 0.10 .XX± 0.05		THIRD ANGLE PROJECTION	DRAWN: Laura	DATE: 02/12/2019	