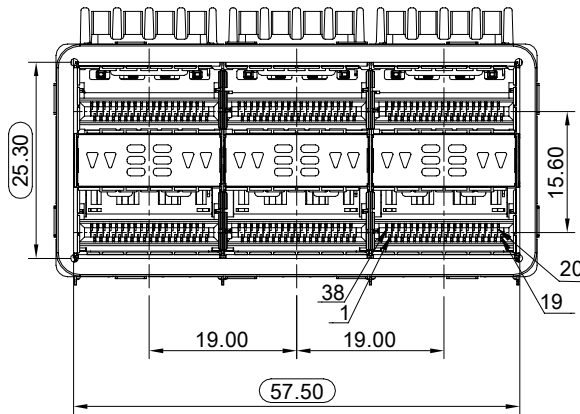
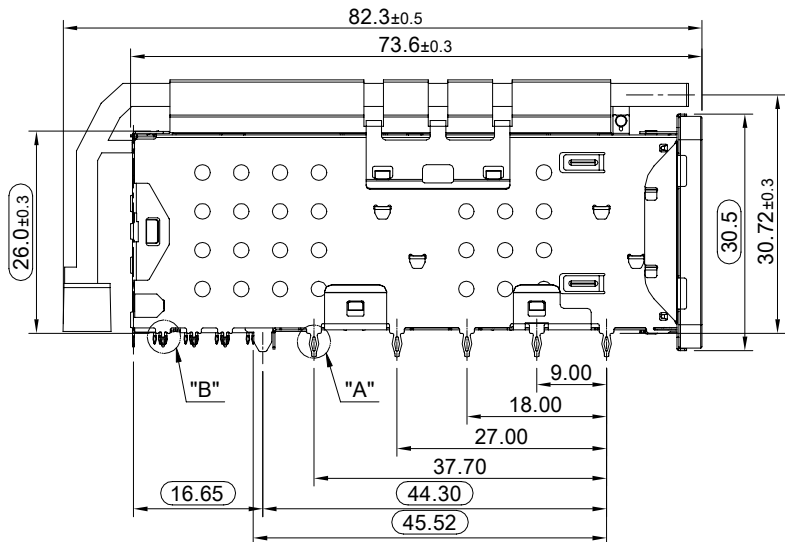


MATERIAL
 CAGE: NICKEL SILVER
 CONNECTOR HOUSING: THERMOPLASTIC, UL 94V-0(LCP)
 INSULATOR COLOR: DEEP GRAY
 EMI SPRING: STAINLESS STEEL
 CONTACTS: COPPER ALLOY
 EMI GASKET FLANGE: STAINLESS STEEL
 EMI GASKET: CONDUCTIVE ELASTOMER(UGTP)
 HEAT SINK: ALUMINUM
 HEAT SINK CLIP: STAINLESS STEEL
 LIGHT PIPE: PC
 LIGHT SHIELD: THERMOPLASTIC

FINISH
 HEAT SINK: ANODE PROCESS
 CONTACT: 15μ" MIN. GOLD ON MATING END;
 30μ" MIN. MATTE TIN ON TERMINAL END;
 ALL UNDERPLATED 50μ" MIN. NICKEL

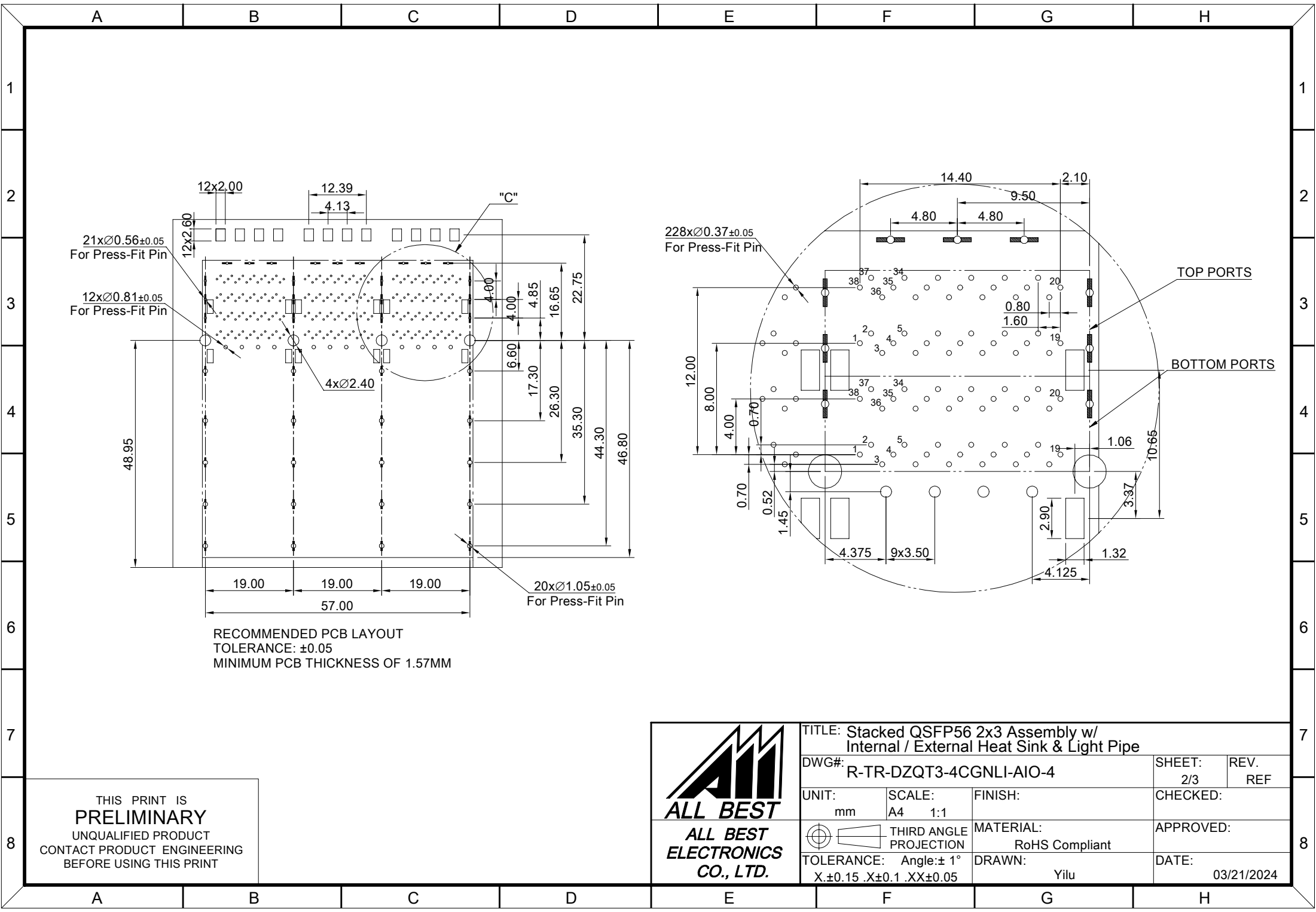
ELECTRICAL CHARACTERISTICS
 CONTACT CURRENT RATING: 0.5 AMPERE
 VOLTAGE RATING: 30VAC
 CONTACT RESISTANCE: 80 mΩ MAX.
 DIELECTRIC WITHSTANDING VOLTAGE: 300VAC



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PRELIMINARY
 UNQUALIFIED PRODUCT
 CONTACT PRODUCT ENGINEERING
 BEFORE USING THIS PRINT



TITLE: Stacked QSFP56 2x3 Assembly w/ Internal / External Heat Sink & Light Pipe				SHEET: 1/3		REV. REF	
DWG#: R-TR-DZQT3-4CGNLI-AIO-4				CHECKED:		APPROVED:	
UNIT: mm	SCALE: A4 1:1	FINISH:		MATERIAL: RoHS Compliant		DATE: 03/21/2024	
TOLERANCE: Angle: ± 1° X.±0.25 .X±0.20 .XX±0.15		THIRD ANGLE PROJECTION		DRAWN: Yilu			



RECOMMENDED PCB LAYOUT
 TOLERANCE: ± 0.05
 MINIMUM PCB THICKNESS OF 1.57MM

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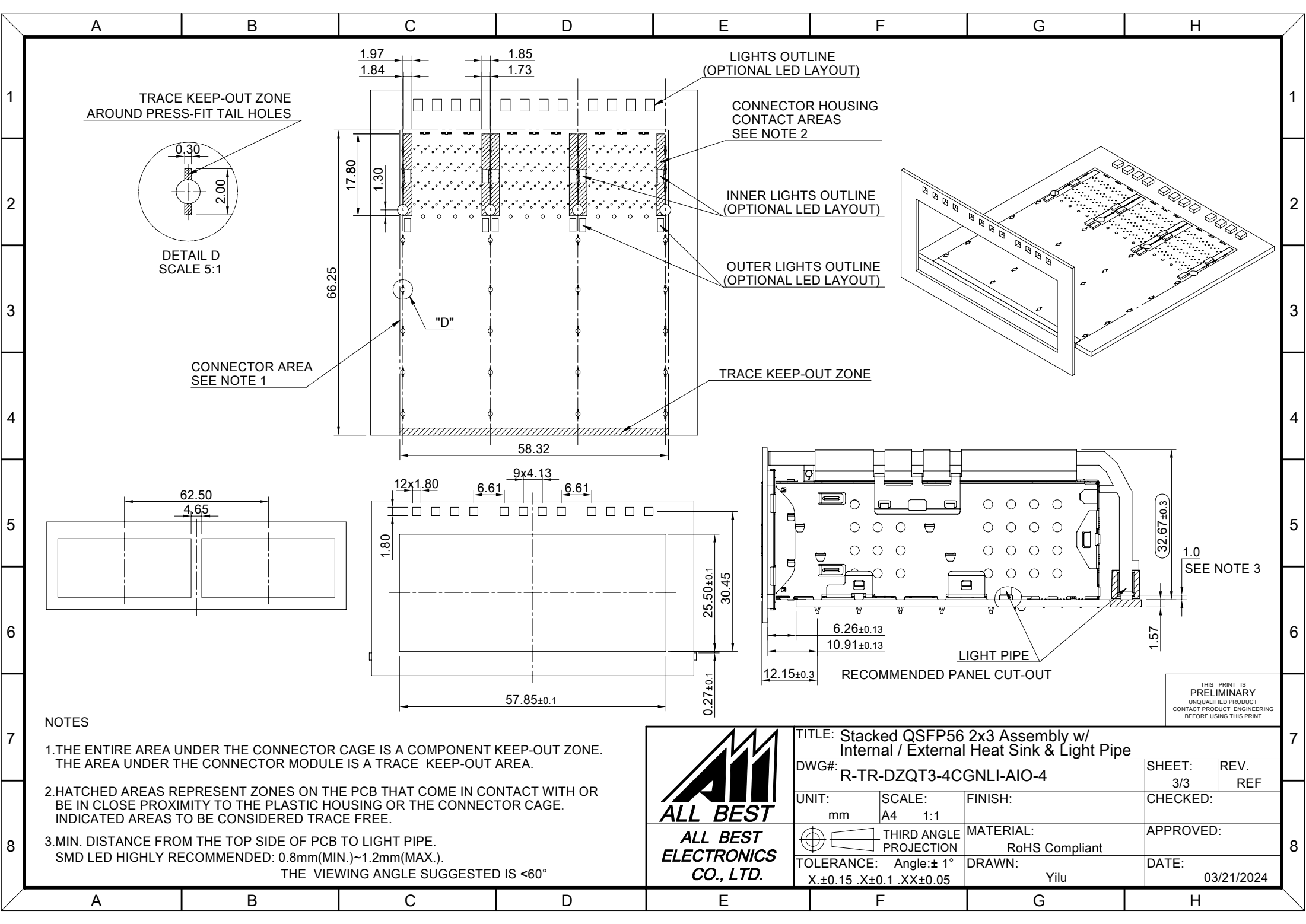
TITLE: Stacked QSFP56 2x3 Assembly w/ Internal / External Heat Sink & Light Pipe		SHEET: 2/3	REV. REF
DWG#: R-TR-DZQT3-4CGNLI-AIO-4		CHECKED:	APPROVED:
UNIT: mm	SCALE: A4 1:1	FINISH:	MATERIAL: RoHS Compliant
TOLERANCE: Angle: $\pm 1^\circ$ X: ± 0.15 .X: ± 0.1 .XX: ± 0.05		DRAWN: Yilu	DATE: 03/21/2024

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



- NOTES**
1. THE ENTIRE AREA UNDER THE CONNECTOR CAGE IS A COMPONENT KEEP-OUT ZONE. THE AREA UNDER THE CONNECTOR MODULE IS A TRACE KEEP-OUT AREA.
 2. HATCHED AREAS REPRESENT ZONES ON THE PCB THAT COME IN CONTACT WITH OR BE IN CLOSE PROXIMITY TO THE PLASTIC HOUSING OR THE CONNECTOR CAGE. INDICATED AREAS TO BE CONSIDERED TRACE FREE.
 3. MIN. DISTANCE FROM THE TOP SIDE OF PCB TO LIGHT PIPE.
SMD LED HIGHLY RECOMMENDED: 0.8mm(MIN.)~1.2mm(MAX.).
THE VIEWING ANGLE SUGGESTED IS <math><60^\circ</math>



TITLE: Stacked QSFP56 2x3 Assembly w/ Internal / External Heat Sink & Light Pipe			
DWG#: R-TR-DZQT3-4CGNLI-AIO-4		SHEET: 3/3	REV. REF
UNIT: mm	SCALE: A4 1:1	FINISH:	CHECKED:
THIRD ANGLE PROJECTION	MATERIAL: RoHS Compliant	APPROVED:	
TOLERANCE: Angle: $\pm 1^\circ$ X: ± 0.15 .X: ± 0.1 .XX: ± 0.05	DRAWN: Yilu	DATE: 03/21/2024	

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