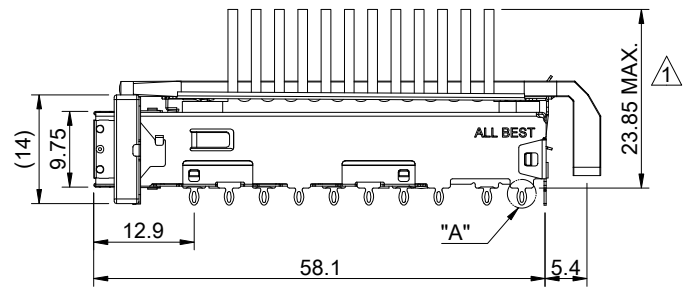
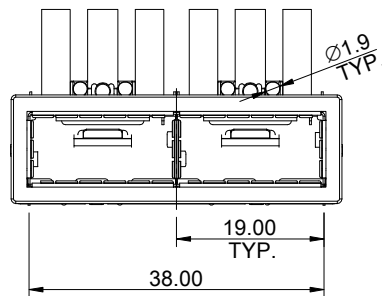
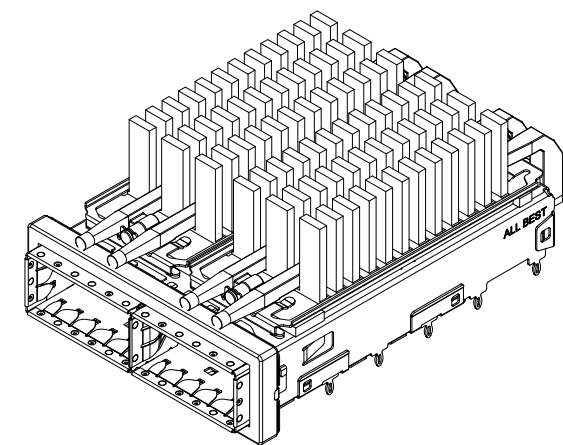


DETAIL A
SCALE 5:1



- 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

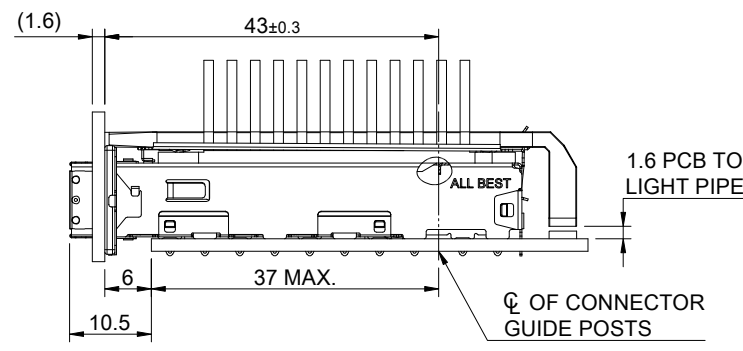
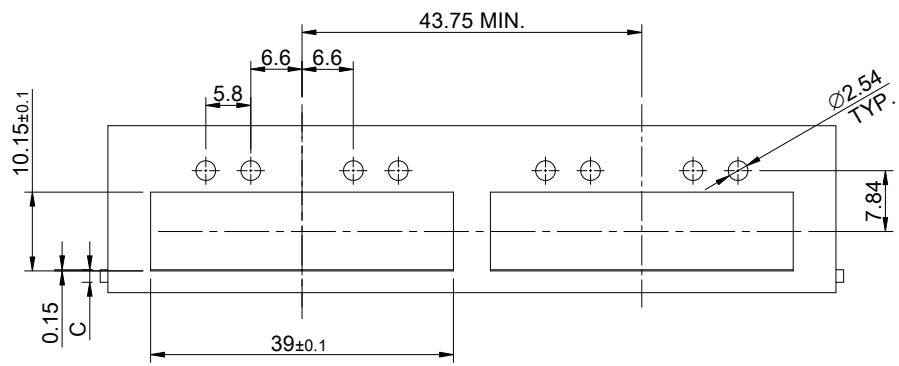
- FINISH
 HEAT SINK: ANODE PROCESS

NOTE
 ▲ DIMENSION APPLIES WITH MODULE INSERTED IN CAGE

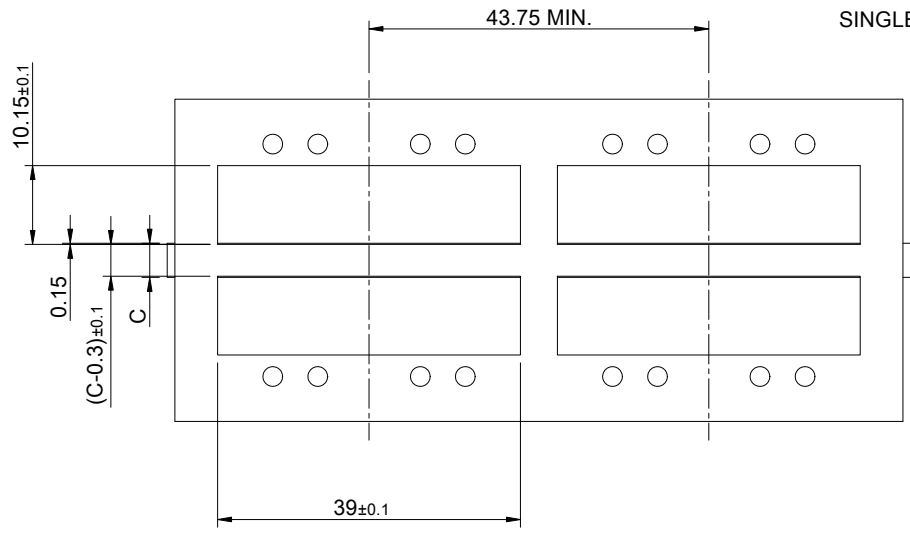
THIS PRINT IS
PRELIMINARY
 UNQUALIFIED PRODUCT
 CONTACT PRODUCT ENGINEERING
 BEFORE USING THIS PRINT



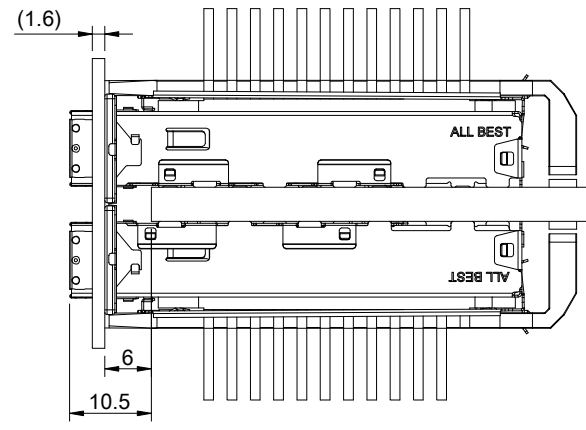
TITLE: QSFP+ 1X2 Cage Assembly w/ Light Pipe & Heat Sink			
DWG#: R-OR-Q2-4CGE3		SHEET: 1/4	REV. REF
UNIT: mm	SCALE: A4 1:1	FINISH:	CHECKED:
TOLERANCE: Angle: ± 1° X ± 0.25 .X ± 0.20 .XX ± 0.15		MATERIAL: RoHS Compliant	APPROVED:
THIRD ANGLE PROJECTION		DRAWN: Gary	DATE: 03/15/2024



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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 BEFORE USING THIS PRINT



TITLE: QSFP+ 1X2 Cage Assembly w/ Light Pipe & Heat Sink			
DWG#: R-OR-Q2-4CGE3		SHEET: 2/4	REV. REF
UNIT: mm	SCALE: A4 1:1	CHECKED:	
TOLERANCE: Angle: ± 1° X ± 0.15 .X ± 0.10 .XX ± 0.05		MATERIAL: RoHS Compliant	APPROVED:
THIRD ANGLE PROJECTION		DRAWN: Gary	DATE: 03/15/2024

CROSS HATCHED AREA DENOTES WHERE SURFACE TRACES ARE PERMITTED

DUAL LIGHT PIPE LED LAYOUT

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

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DETAIL B
SCALE 2:1

DETAIL C
SCALE 2:1

AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)

14xØ1.05±0.05
For Press-Fit Pin



TITLE: QSFP+ 1X2 Cage Assembly w/ Light Pipe & Heat Sink			
DWG#: R-OR-Q2-4CGE3		SHEET: 3/4	REV. REF
UNIT: mm	SCALE: A4 2:1	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

CROSS HATCHED AREA DENOTES WHERE SURFACE TRACES ARE PERMITTED

DUAL LIGHT PIPE LED LAYOUT

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

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DETAIL D
SCALE 2:1

DETAIL E
SCALE 2:1

AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)

28xØ1.05±0.05
For Press-Fit Pin



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

DWG#: R-OR-Q2-4CGE3

UNIT:
mm

SCALE:
A4 2:1

FINISH:

SHEET: 4/4
REV. REF

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