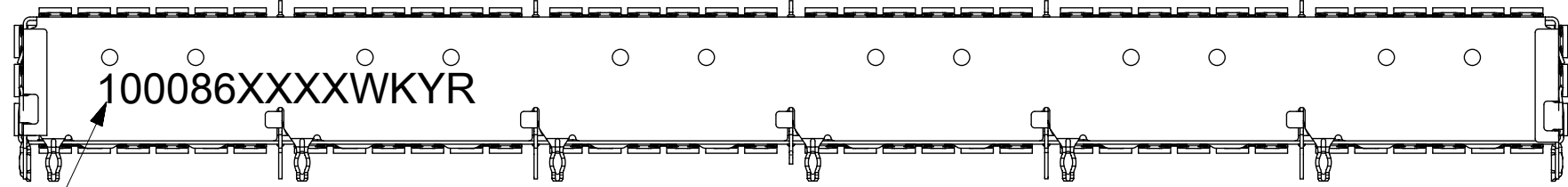
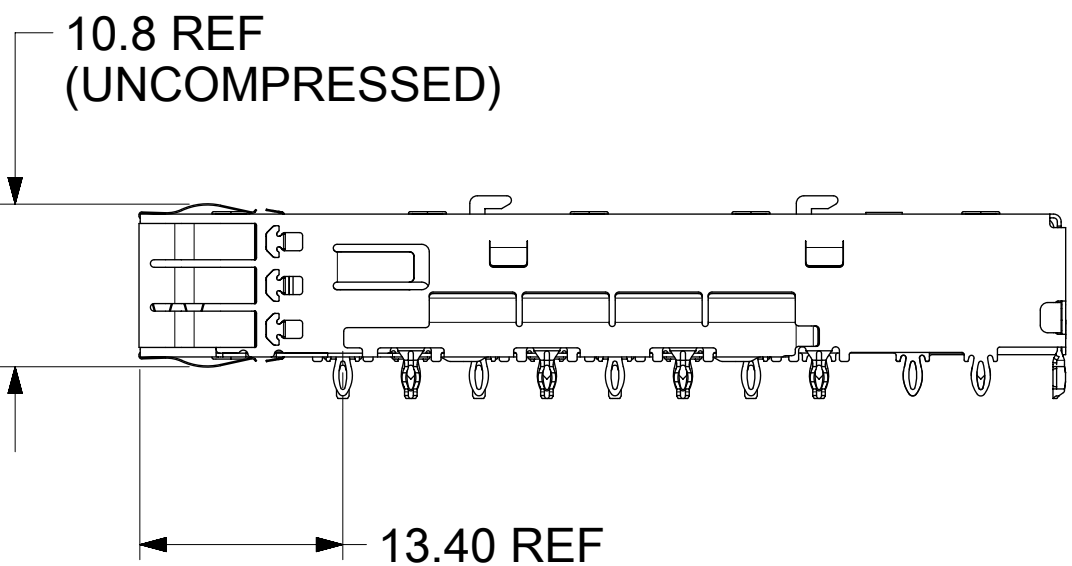
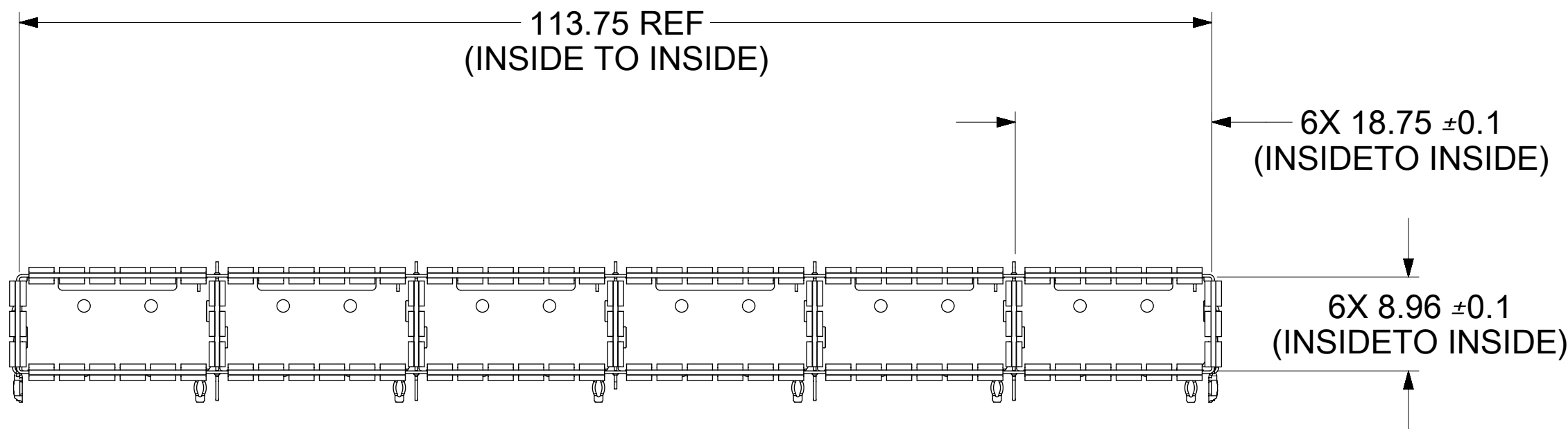
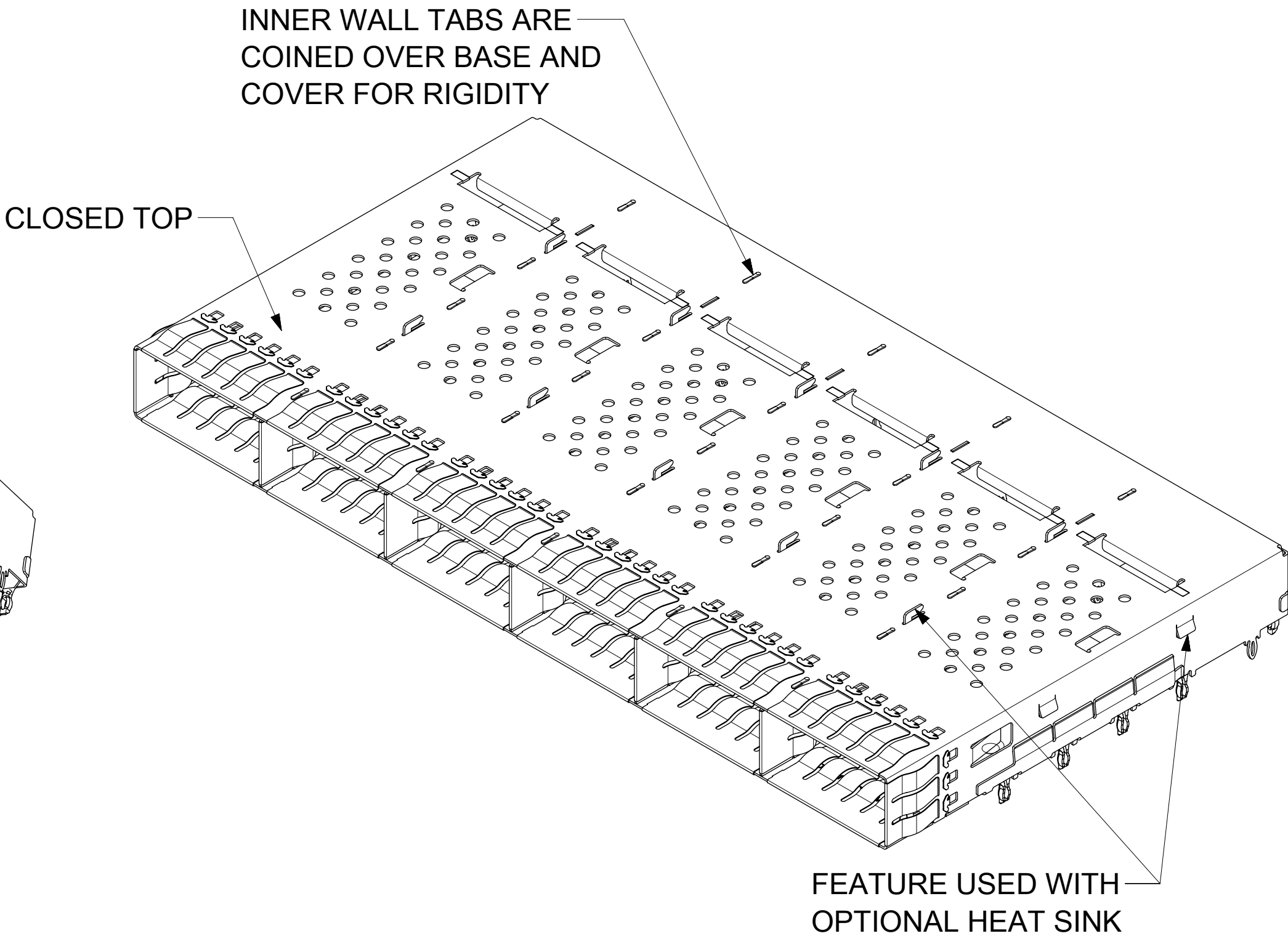
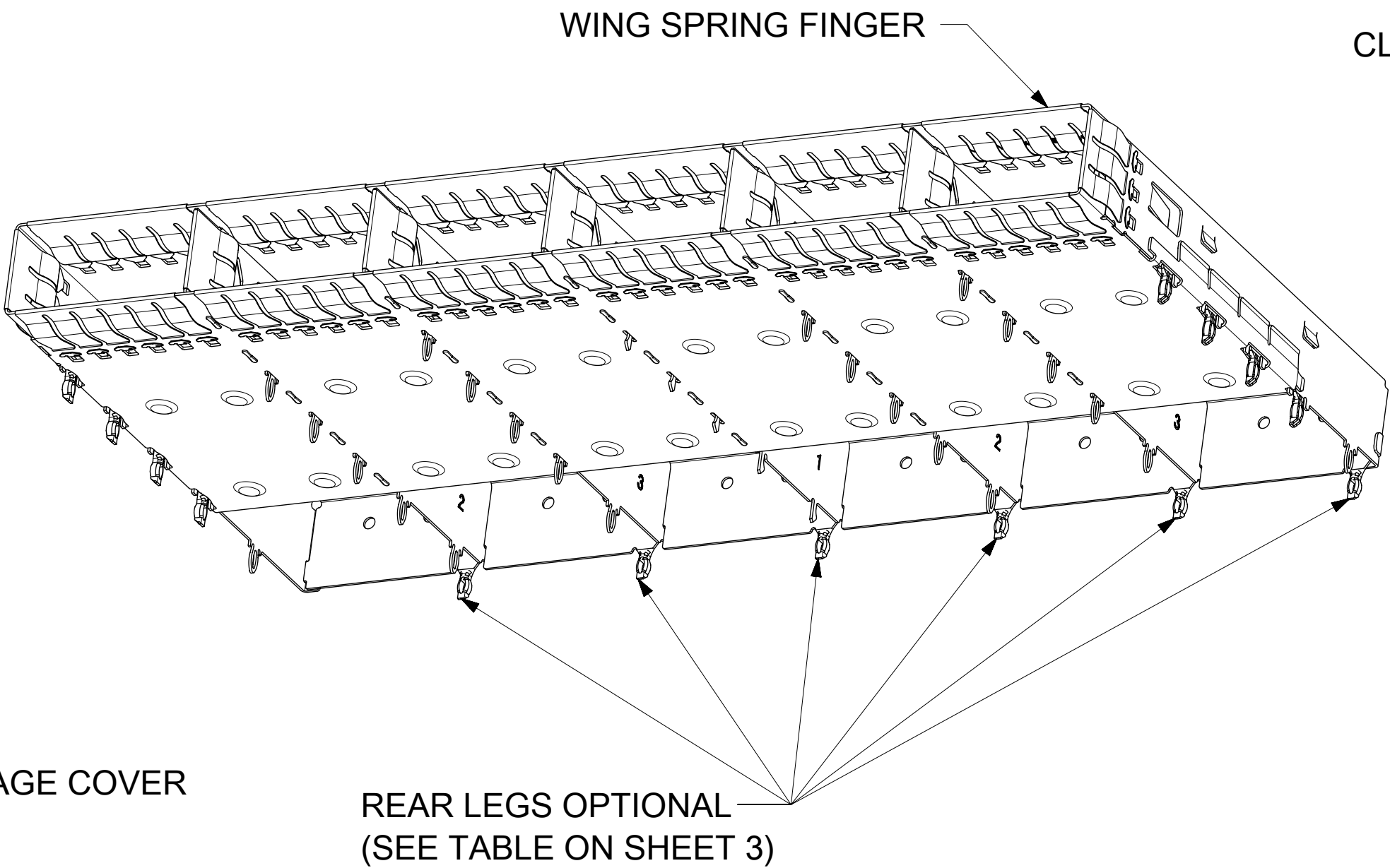
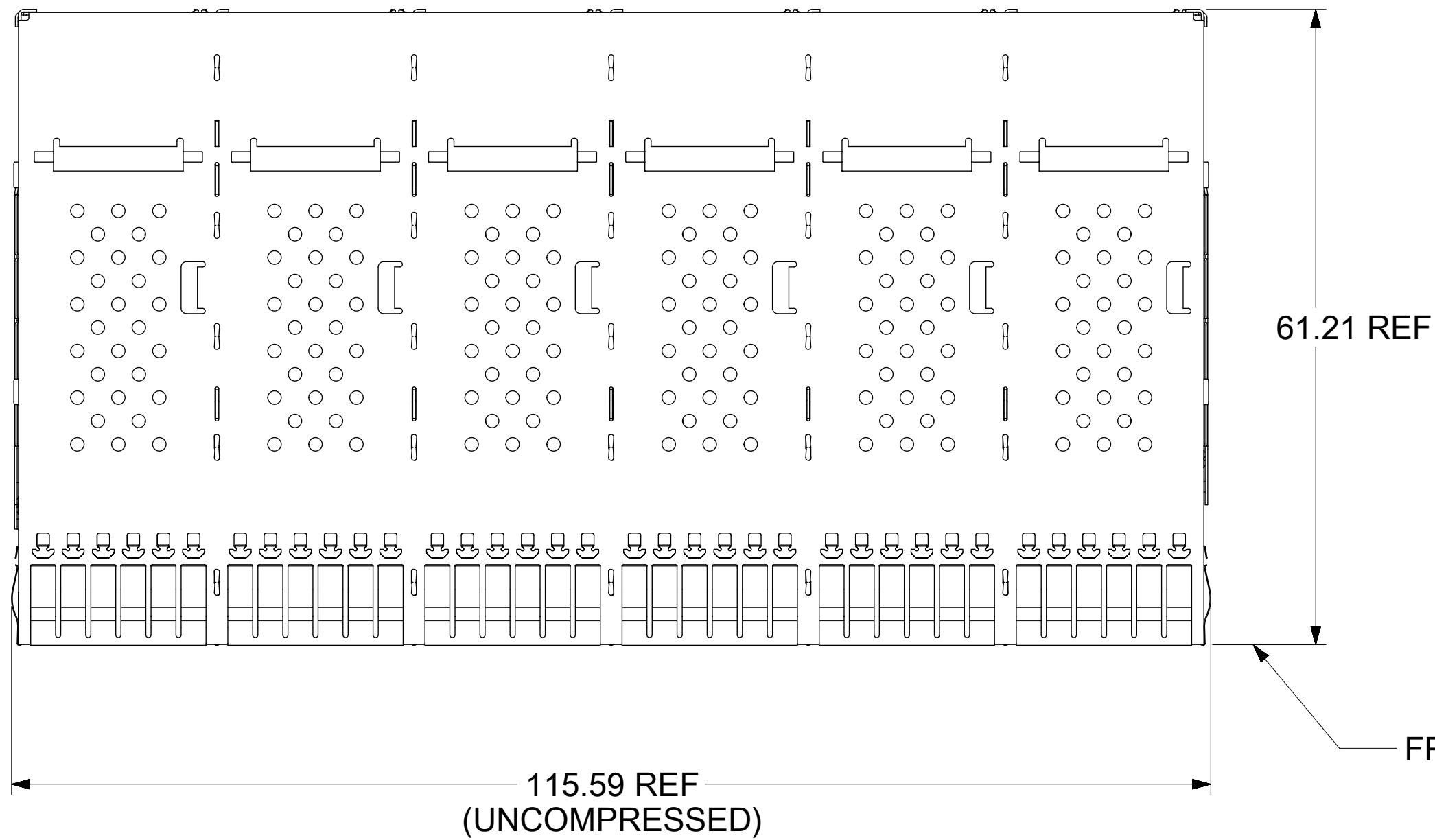


BASE CAGE DETAILS

1000867242












SHOWN



- NOTES:
- MATERIAL: CAGE: STAINLESS STEEL
CENTER WALLS: STAINLESS STEEL
WING SPRING FINGERS: STAINLESS STEEL
HEAT SINKS: NICKEL PLATED ALUMINUM
HEAT SINK CLIP: STAINLESS STEEL
LIGHT PIPES: POLYCARBONATE (UL 94-V-0)
 - DRAWING APPLIES TO ALL P/N'S SHOWN ON PAGE 3
 - DURING FINAL INSPECTION, CAGE LEG LOCATIONS AND STRAIGHTNESS MUST BE CHECKED USING APPROPRIATE GO - NO GO GAGE
 - DURING FINAL INSPECTION, CAGE MUST BE INSPECTED TO MAKE SURE LEG CONFIGURATIONS AND PART NUMBERS ARE CORRECT, USE SHEETS 3, 4 AND 5
 - PARTS TO BE INSPECTED PER MOLEX COSMETIC SPEC WI-HP-7-2774 (CLASS B UNLESS OTHERWISE SPECIFIED)
 - PRESS-FIT LEGS 2.44 LONG -
1.57 MINIMUM PCB THICKNESS FOR SINGLE SIDED USE.
2.70 MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE.
 - NO RoHS EXEMPTIONS

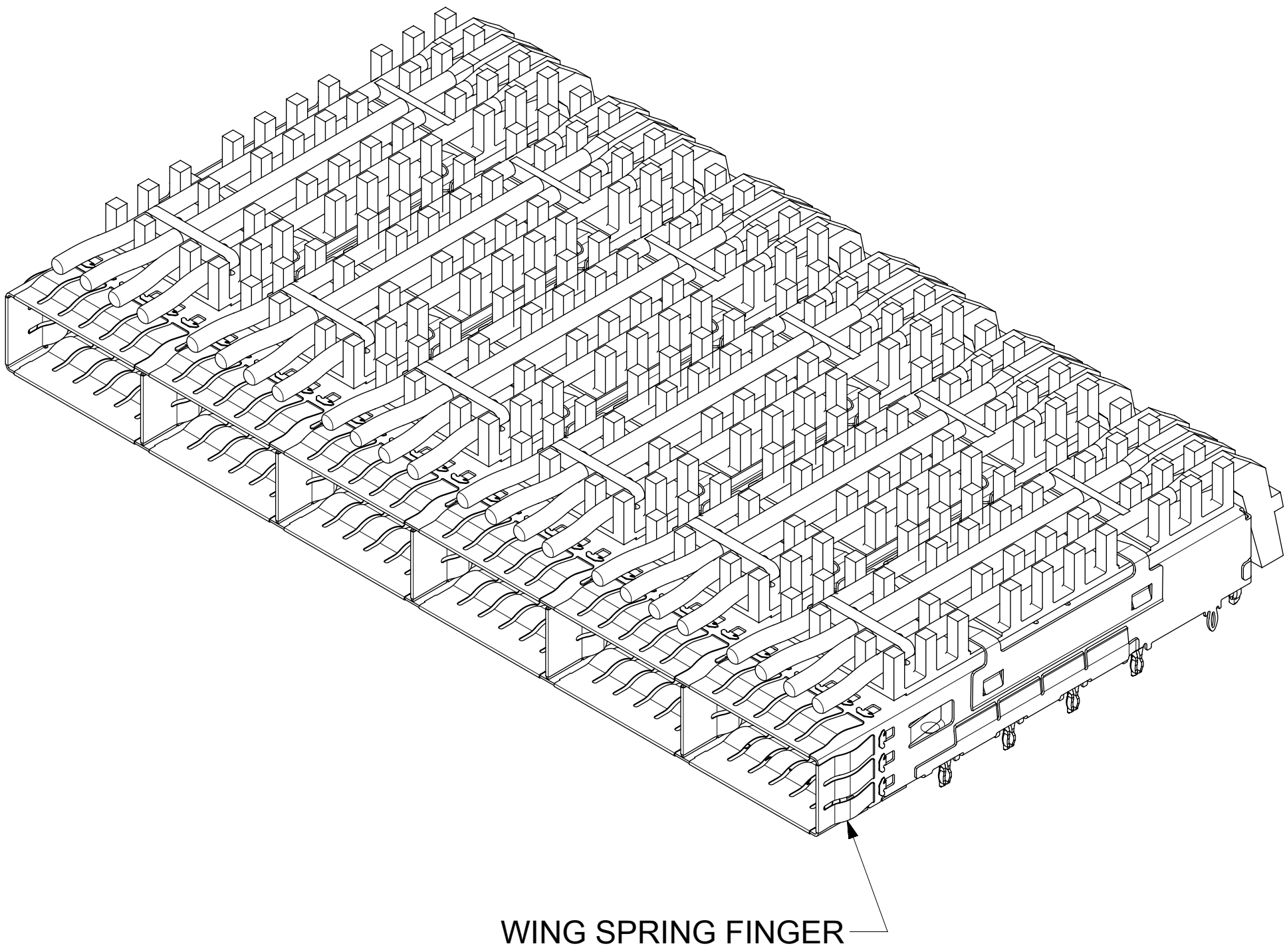
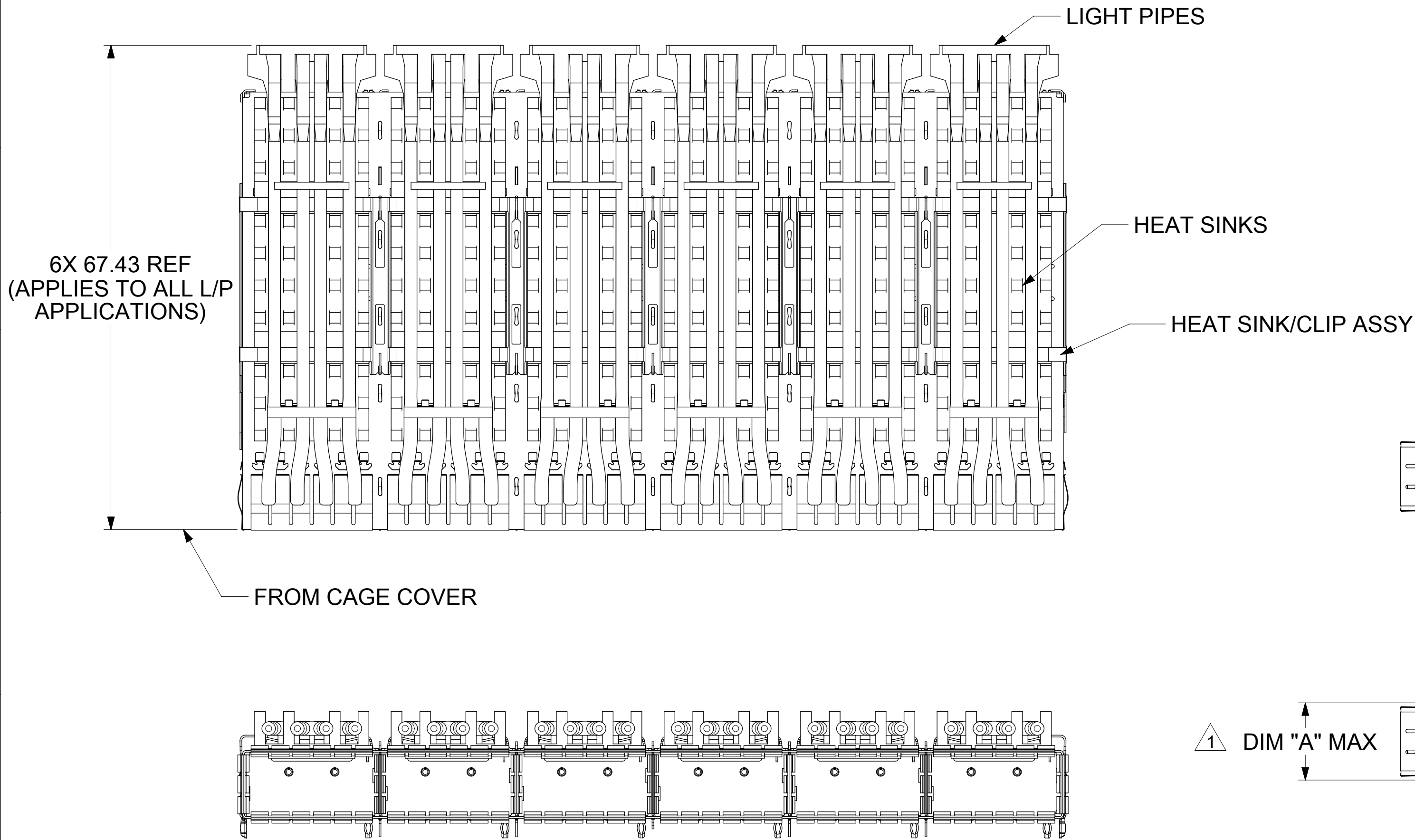
P/N AND WEEK/YEAR DATE CODE TO BE PRINTED ON BACK OF COMPLETED CAGE ASSEMBLY APPROXIMATELY AS SHOWN. SEE TABLE BELOW FOR DATE CODE INFORMATION

WEEK/YEAR DATE CODE TABLE	
WK	WEEK OF THE YEAR 01 THRU 52 (EXAMPLE: 01= FIRST WEEK OF YEAR 52= LAST WEEK OF YEAR
YR	17, 18, 19 ETC.. (EXAMPLE: YEAR 2017= 17)

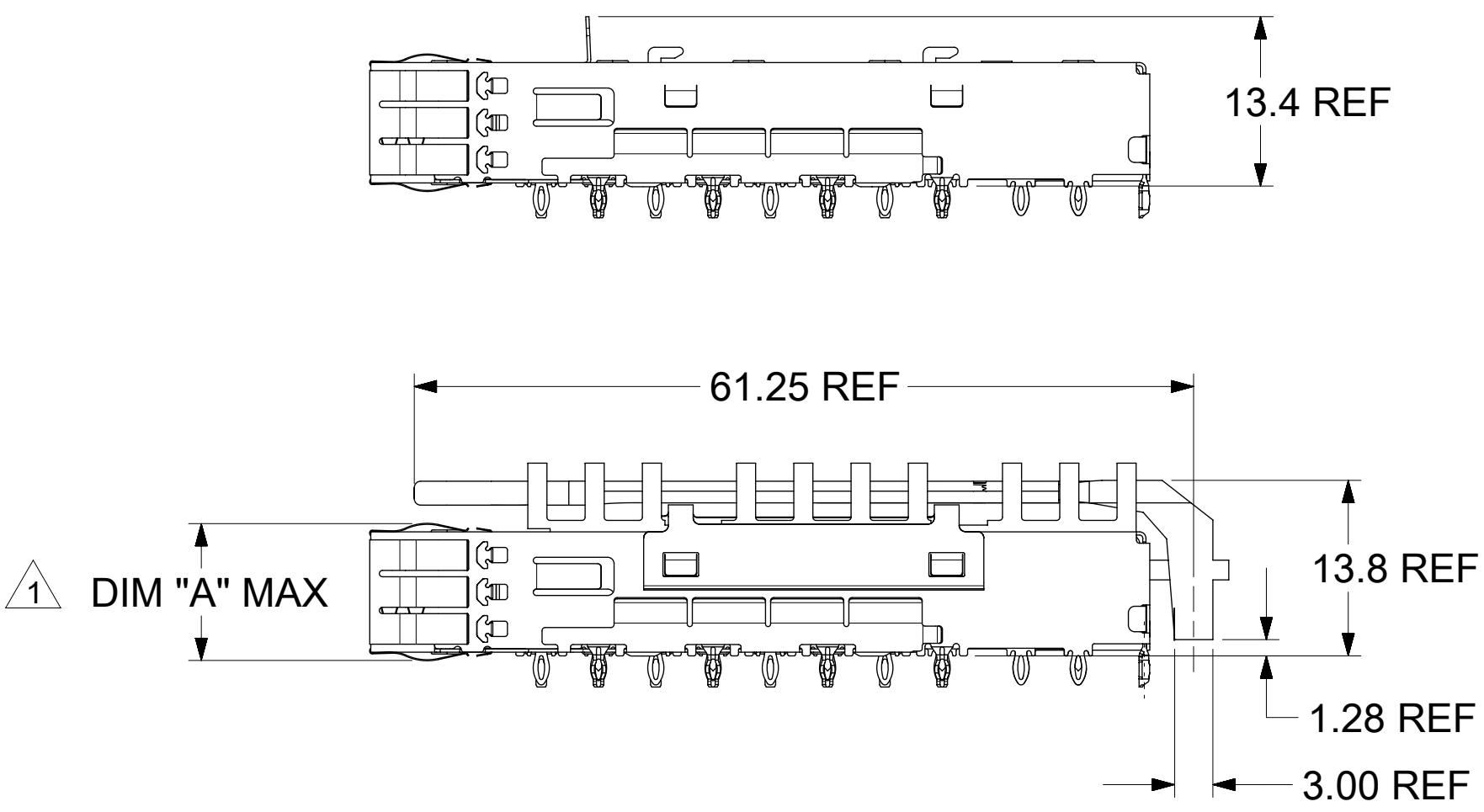
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
<div><div></div><div>= 0</div></div> <div><div></div><div>= 0</div></div> <div><div></div><div>= 0</div></div> <div><div></div><div>= 0</div></div> <div><div></div><div>= 0</div></div> <div><div></div><div>= 0</div></div> <div><div></div><div>= 0</div></div> <div><div></div><div>= 0</div></div> <div><div></div><div>= 0</div></div> <div><div></div><div>= 0</div></div>	DIMENSION UNITS		SCALE		CURRENT REV DESC:			<div>molex</div>							
	mm		2:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL ± 2.0°														
	4 PLACES		±		EC NO: 627568 DRWN: MCHEN104 2019/11/14 CHK'D: JCHIANG 2019/11/18 APPR: JCHIANG 2019/11/18			ZQSFP+ 1X6 GANGED CAGE WING SPRING FINGER WITH H/S & LP OPTIONS							
	3 PLACES		±												
	2 PLACES		± 0.13												
	1 PLACE		± 0.25		INITIAL REVISION: DRWN: SJKG 2016/10/24 APPR: RCHEN08 2016/12/02			PRODUCT CUSTOMER DRAWING							
	0 PLACES		±					DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION		
								1000867200			PSD	ASY	B1		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						D-SIZE		100086		SEE DRAWING		GENERAL MARKET		1 OF 7	

CAGE ASSEMBLY OPTIONS

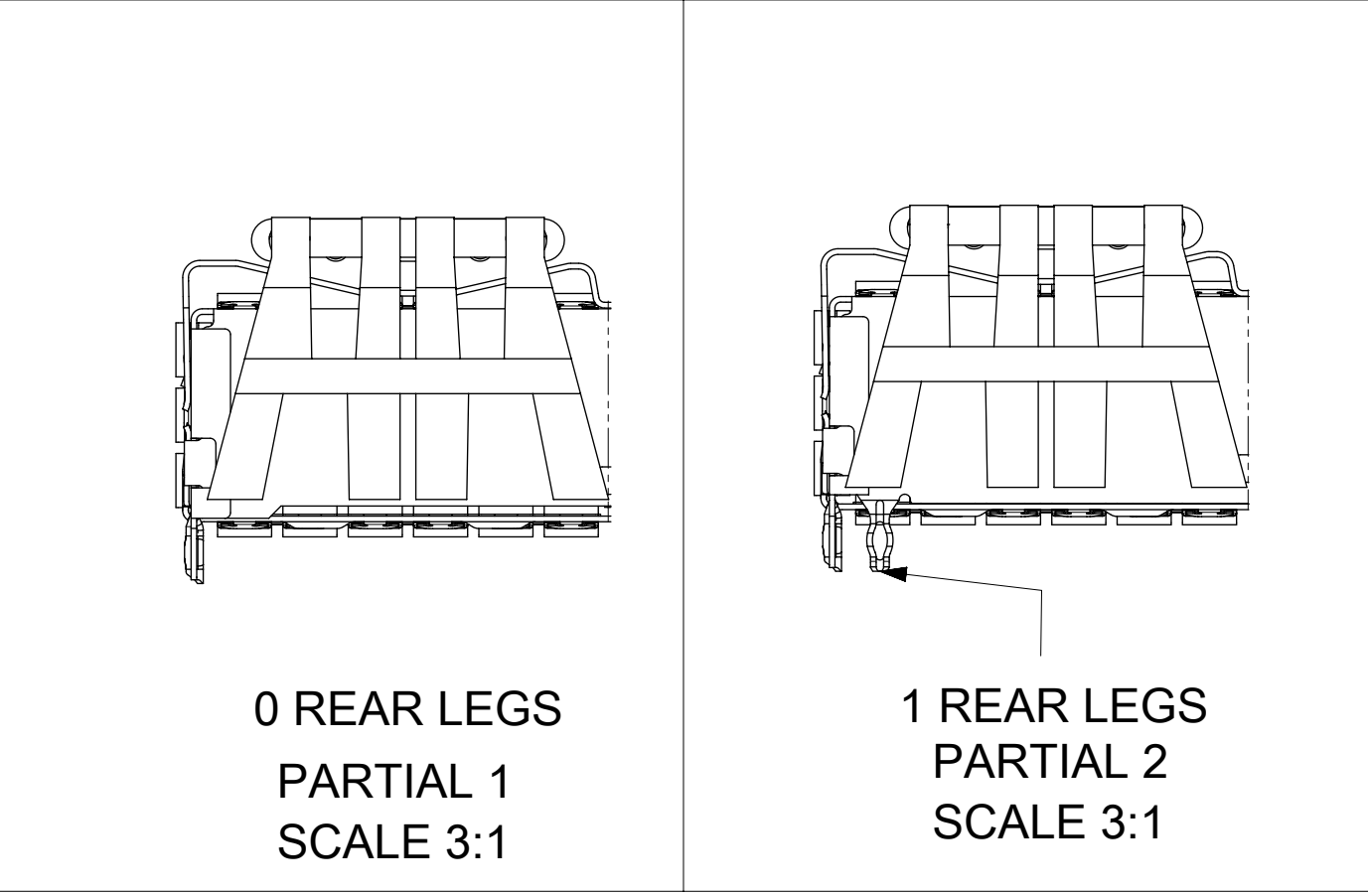
1000867547
SHOWN



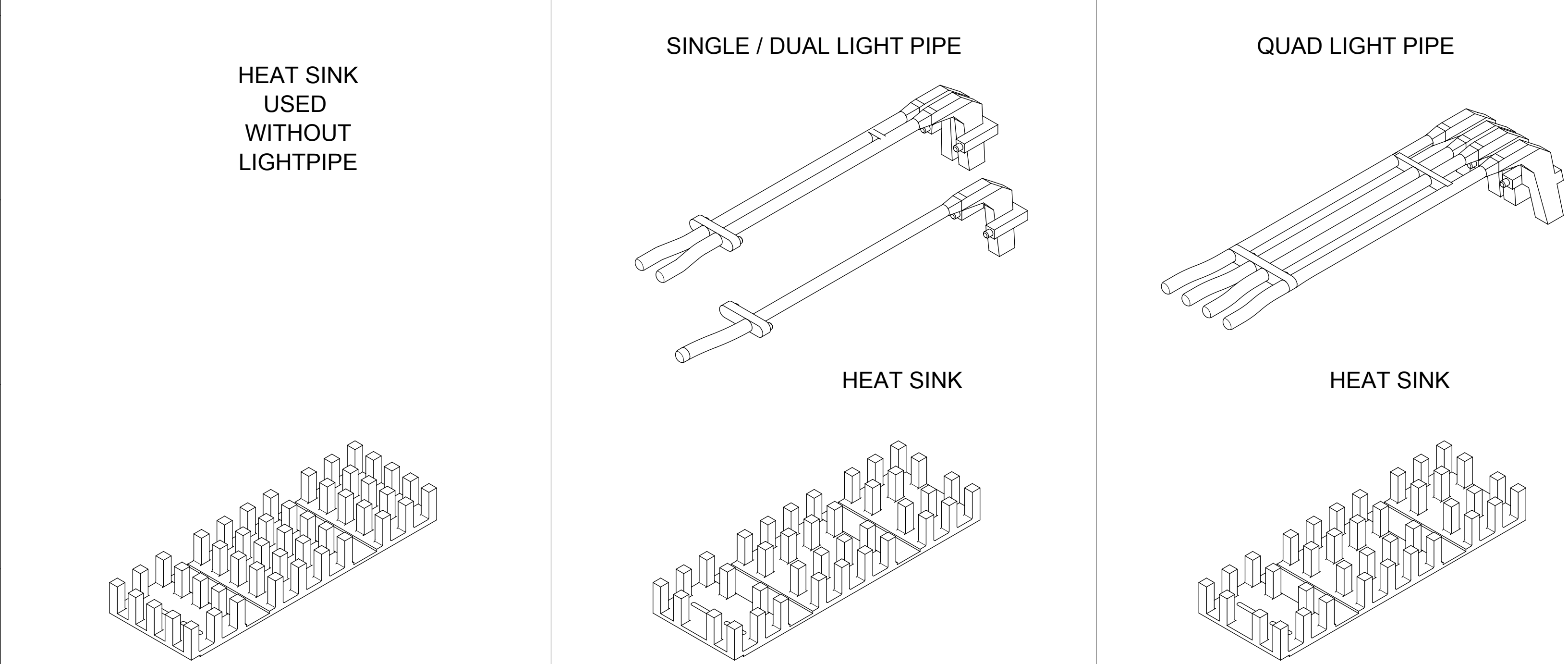
WING SPRING FINGER



REAR LEG OPTIONS



HEAT SINK AND LIGHT PIPE COMBINATIONS



HEAT SINK HEIGHT OPTIONS

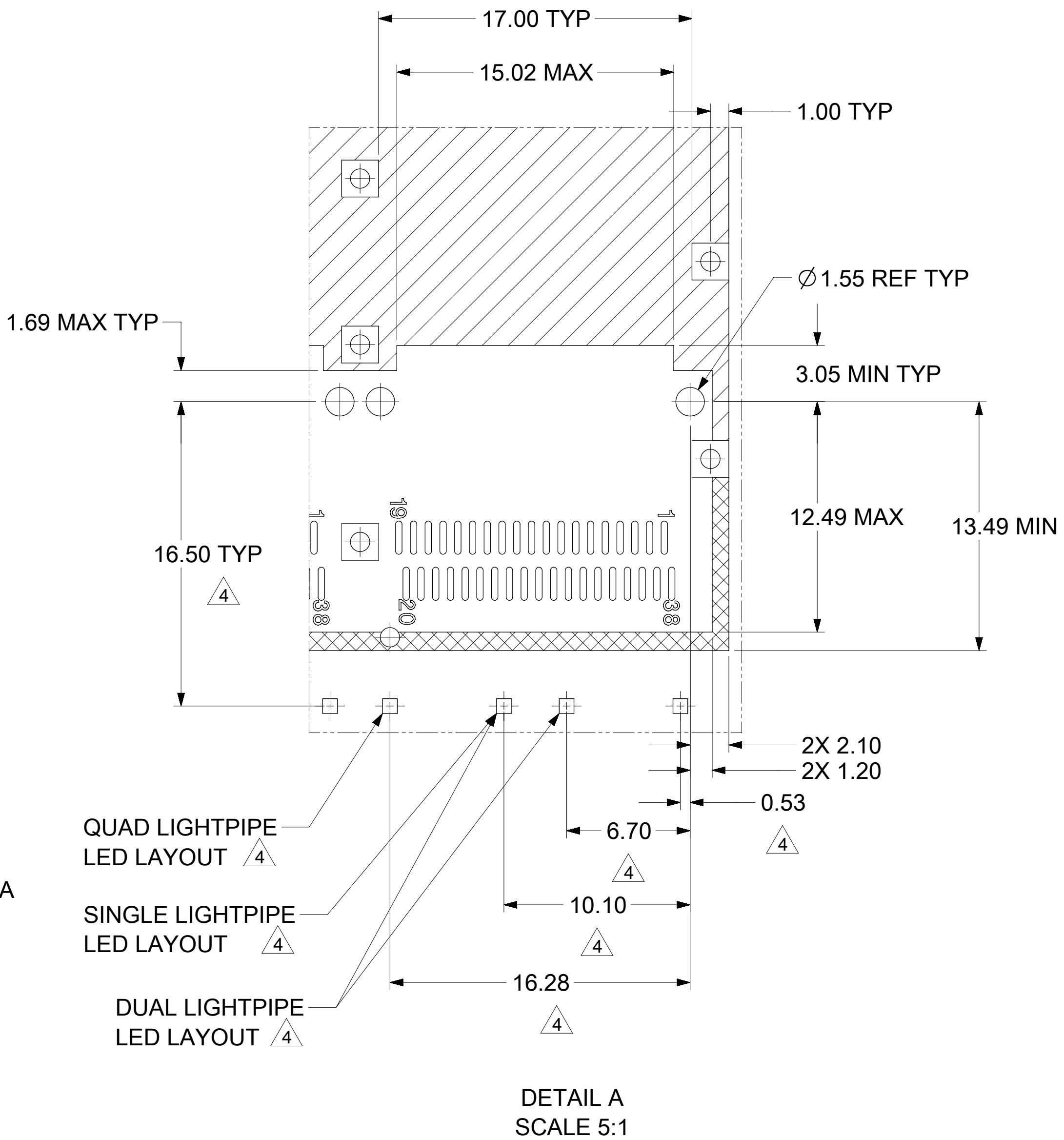
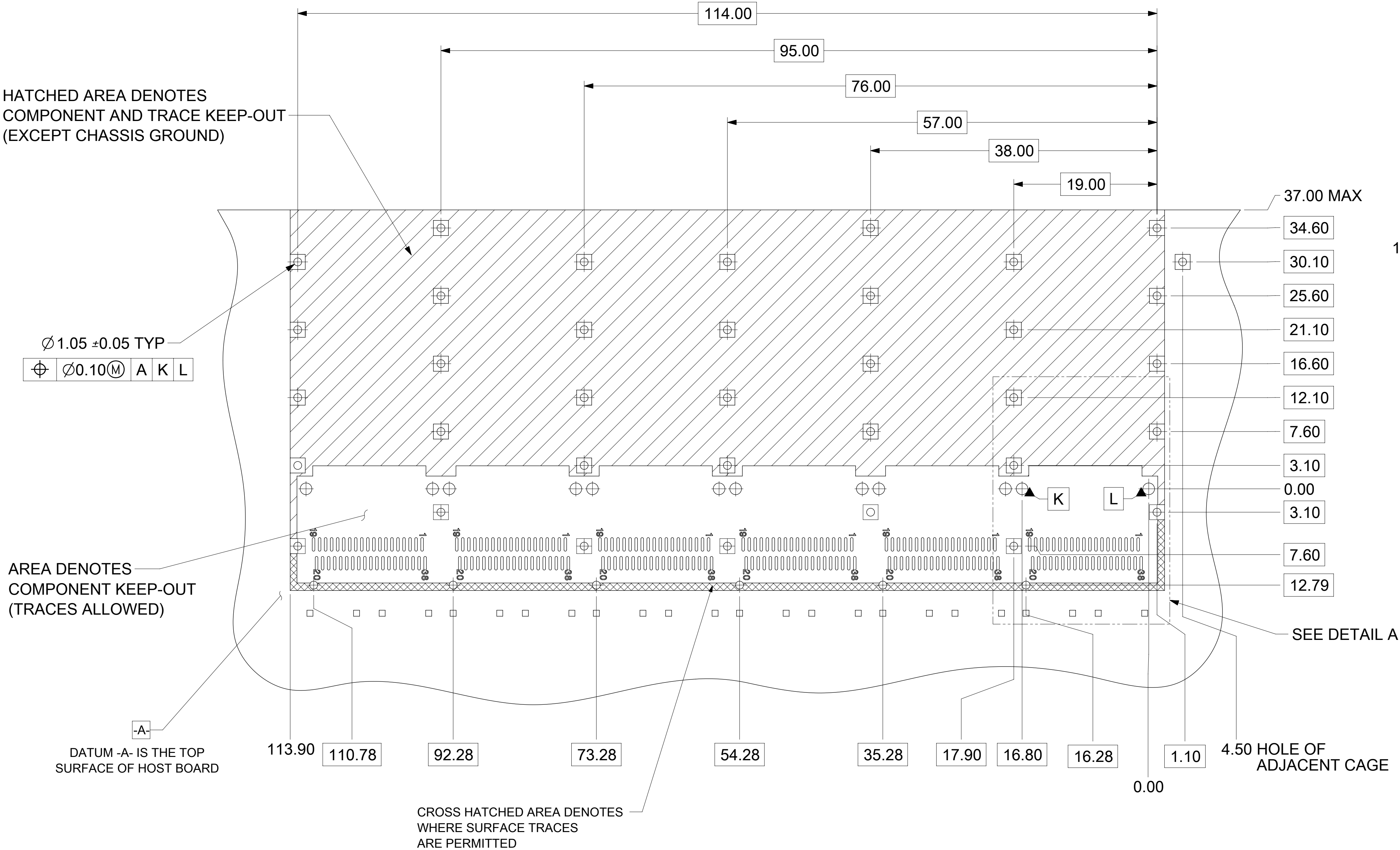
OVERALL HEAT SINK HEIGHT	DIM"A"
PCI	13.7
SAN	16.0
NET	23.0

PARTIAL 1
SCALE 3:1

HEIGHT OF HEAT SINK WITH MODULE INSERTED.
DIMENSION MAY BE LESS DUE TO MODULE AND HEAT SINK VARIATIONS

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE	CURRENT REV DESC:	molex			
= 0	DIMENSION UNITS	2:1	EC NO: 627568 DRWN: MCHEN104 2019/11/14 CHK'D: JCHIANG 2019/11/18 APPR: JCHIANG 2019/11/18 INITIAL REVISION: DRWN: SJKG 2016/10/24 APPR: RCHEN08 2016/12/02	ZQSFP+ 1X6 GANGED CAGE WING SPRING FINGER WITH H/S & LP OPTIONS			
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= 0	3 PLACES ±			DOC TYPE DOC PART REVISION			
= 0	2 PLACES ± 0.13		DRAWING SERIES D-SIZE 100086	PSD ASY B1			
= 0	1 PLACE ± 0.25			MATERIAL NUMBER CUSTOMER SHEET NUMBER			
= 0	0 PLACES ±			SEE DRAWING GENERAL MARKET 2 OF 7			
= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION				

PCB LAYOUT FOR SINGLE SIDED MOUNTING



- NOTES:
1. PADS AND VIAS GO TO CHASSIS GROUND. (RECOMMENDED PADS TO BE 2.00mm SQUARE.)
 2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
 3. CONNECTOR PAD LAYOUT PER SFF-8663 WILL ACCOMODATE MOLEX CONNECTOR SERIES 170432.
 4. NOTED DIMENSIONS ONLY APPLY TO CAGE ASSEMBLIES WITH LIGHT PIPES.

SYMBOLS										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS										SCALE									
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= 0										2:1									
= 0										GENERAL TOLERANCES (UNLESS SPECIFIED)									
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= 0										4 PLACES ±									
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= 0										2 PLACES ± 0.13									
= 0										1 PLACE ± 0.25									
= 0										0 PLACES ±									
= 0										DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
= 0										THIRD ANGLE PROJECTION									
= 0										D-SIZE 100086									
= 0										CURRENT REV DESC:									
= 0										EC NO: 627568									
= 0										DRWN: MCHEN104 2019/11/14									
= 0										CHK'D: JCHIANG 2019/11/18									
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= 0										DRWN: SJKG 2016/10/24									
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= 0										MATERIAL NUMBER CUSTOMER SHEET NUMBER									
= 0										SEE DRAWING GENERAL MARKET 4 OF 7									

molex

ZQSFP+ 1X6 GANGED CAGE
WING SPRING FINGER WITH H/S & LP OPTIONS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER DOC TYPE DOC PART REVISION

1000867200

PSD

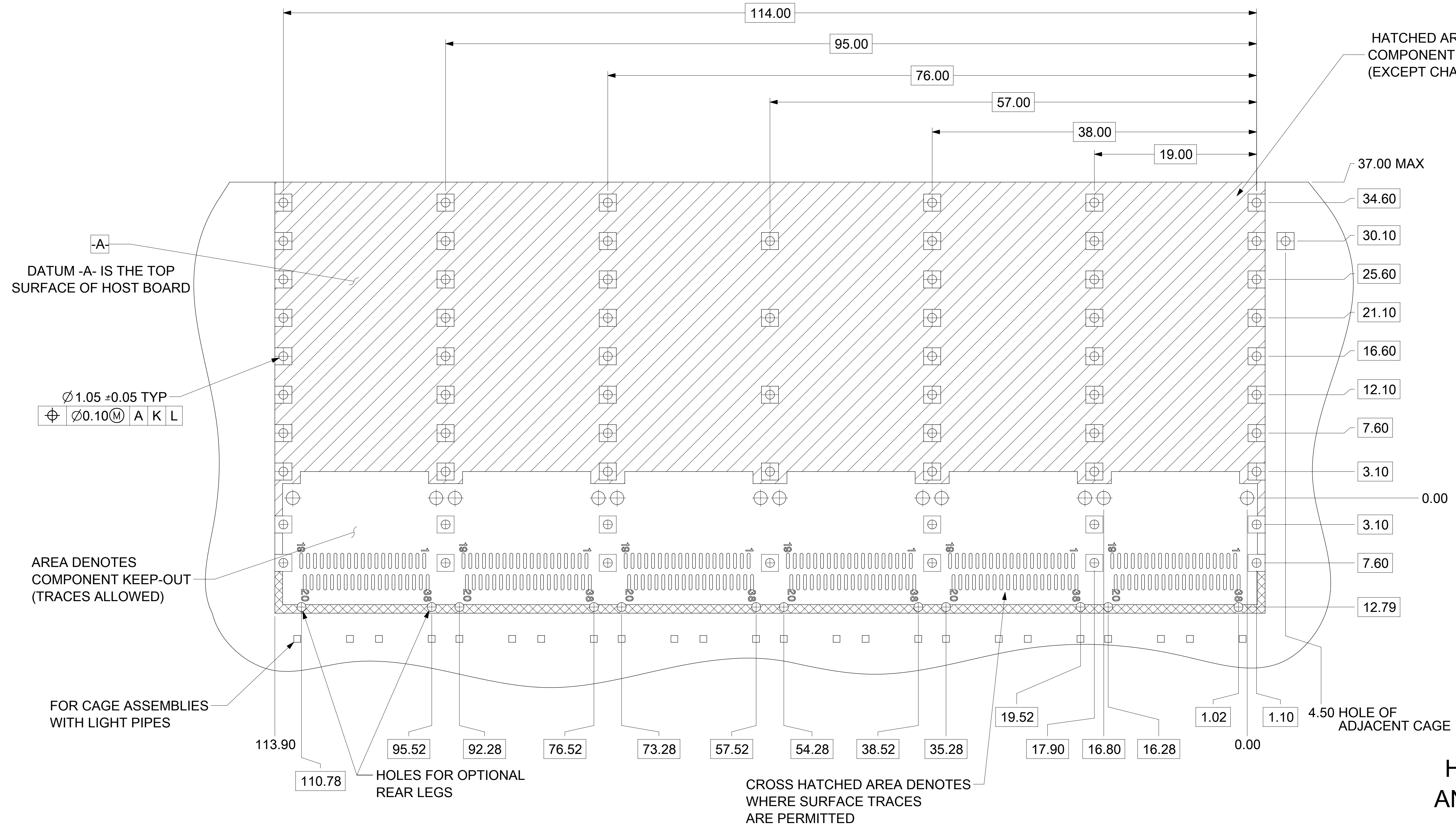
ASY

B1

MATERIAL NUMBER CUSTOMER SHEET NUMBER

SEE DRAWING GENERAL MARKET 4 OF 7

PCB LAYOUT FOR BELLY TO BELLY MOUNTING

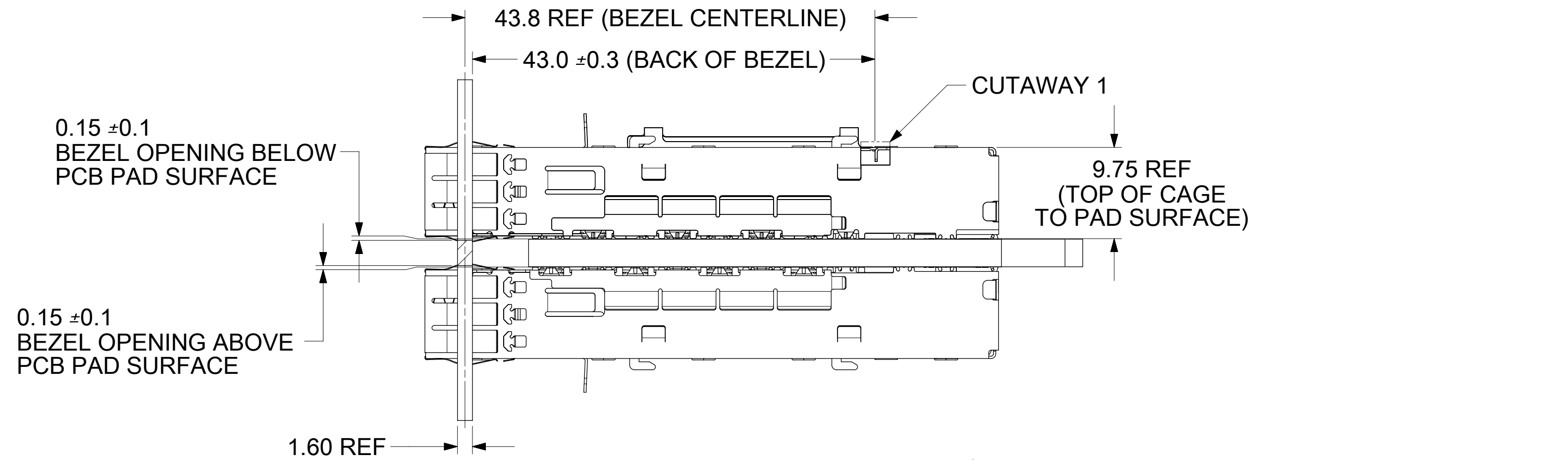


NOTE:
SEE SHEET 4 FOR
HOST CONNECTOR DETAIL
AND LED LOCATION DETAILS

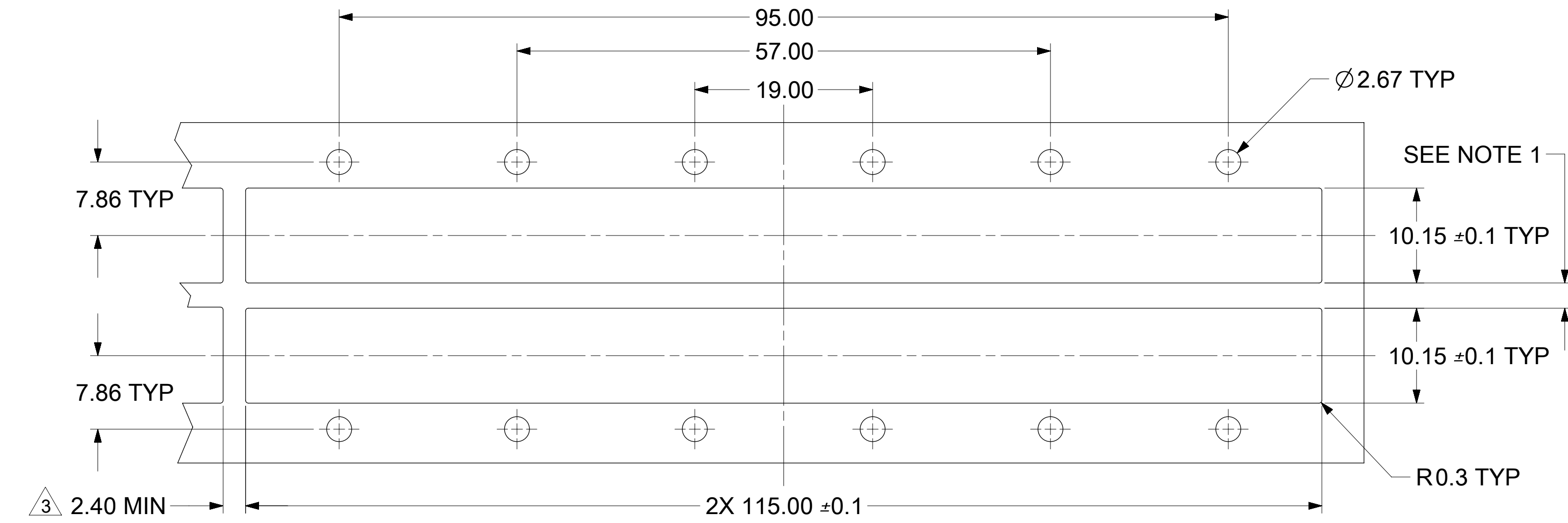
NOTES:
1. PADS AND VIAS GO TO CHASSIS GROUND. (RECOMMENDED PADS TO BE 2.00mm SQUARE.)
2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
3. CONNECTOR PAD LAYOUT PER SFF-8663 WILL ACCOMODATE MOLEX CONNECTOR SERRIES 170432.

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
	= 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:				<div>molex</div> <div>ZQSFP+ 1X6 GANGED CAGE WING SPRING FINGER WITH H/S & LP OPTIONS</div>							
	= 0	mm		4:1													
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	= 0	1 PLACE		± 0.25													
	= 0	0 PLACES		±													
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS														THIRD ANGLE PROJECTION	
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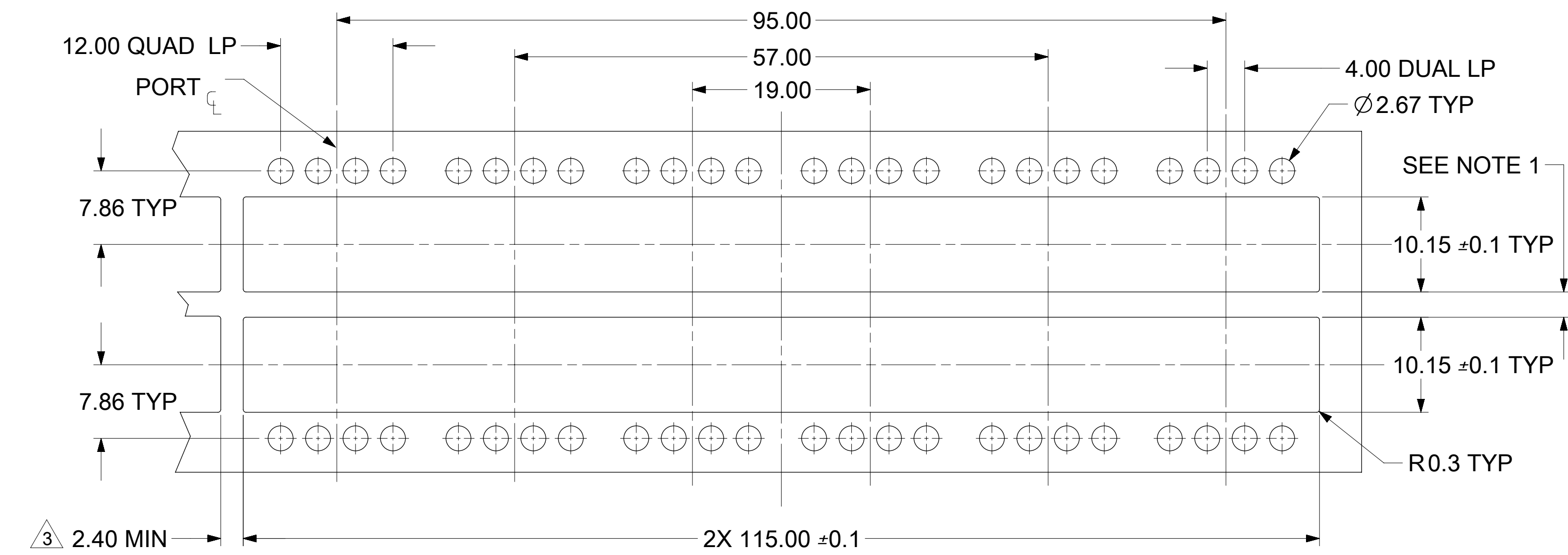
BEZEL AND BOARD POSITION DIMENSIONS
FOR BELLY TO BELLY MOUNTING



SINGLE LIGHT PIPE 2

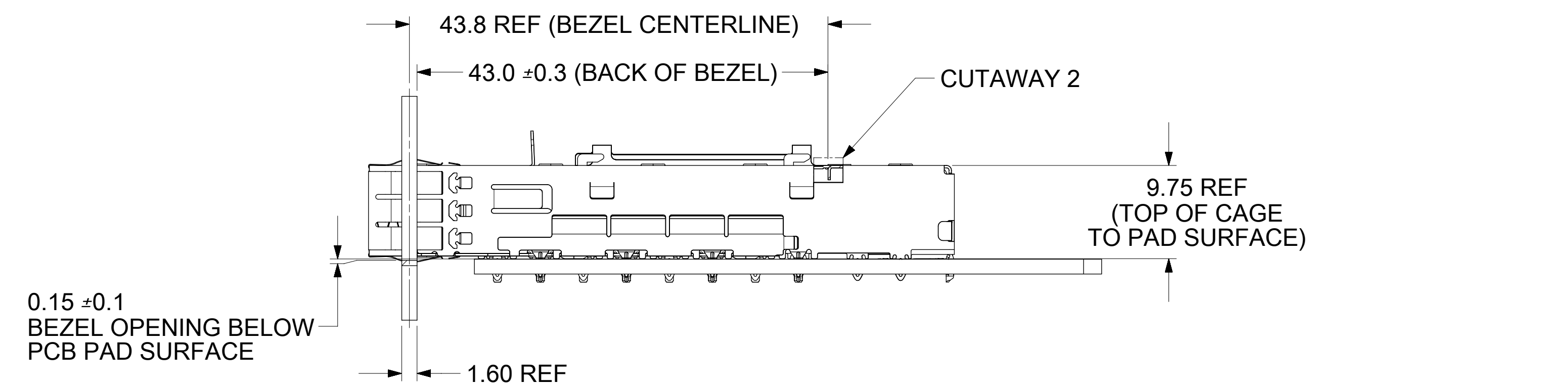


DUAL/QUAD LIGHT PIPE 2

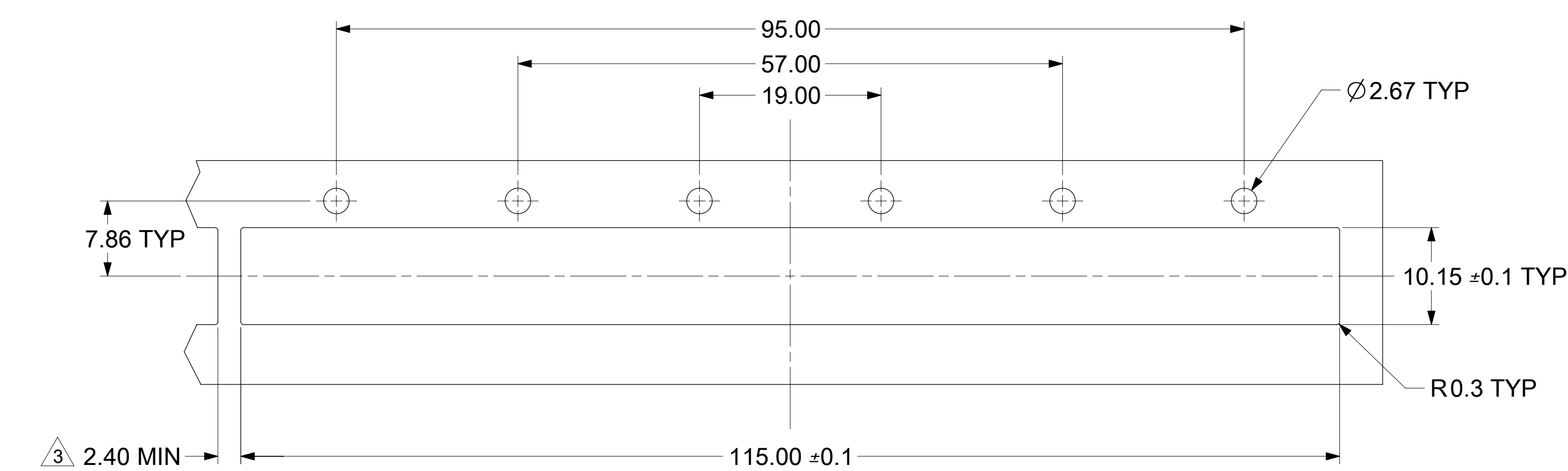


NOTE:
1. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMINING BEZEL OPENING LOCATION.
2. NOTED DIMENSIONS ONLY APPLY TO CAGE ASSEMBLIES WITH LIGHT PIPES.
3. THIS DIMENSION IS FOR REFERENCE ONLY. USER CAN MODIFY IT DEPENDS ON APPLICATION.
(THIS DIMENSION VARIES BASED ON DISTANCE OF "HOLE OF ADJACENT CAGE" ON PCB LAYOUT.)

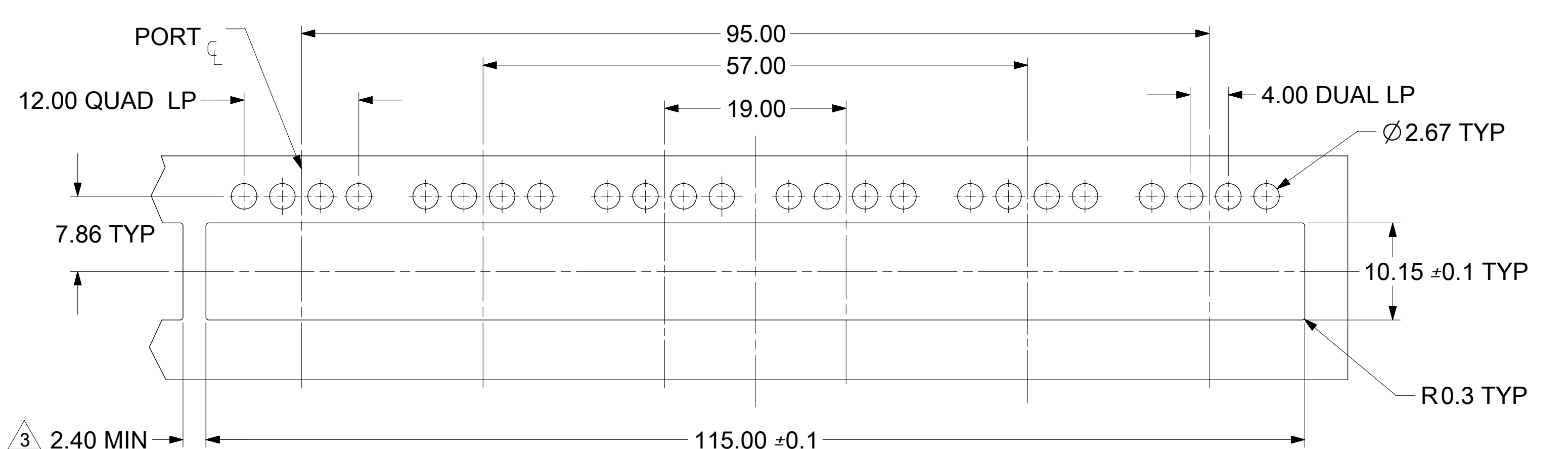
BEZEL AND BOARD POSITION DIMENSIONS
FOR SINGLE SIDE MOUNTING



SINGLE LIGHT PIPE 2
















DUAL LIGHT PIPE 2



SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
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			mm 2.5:1															
	= 0		GENERAL TOLERANCES (UNLESS SPECIFIED)															
	= 0		ANGULAR TOL ± 2.0°															
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	= 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
	= 0										D-SIZE 100086		SEE DRAWING		GENERAL MARKET		6 OF 7	

REV	DATE	DESCRIPTION
A	2016/10/28	INITIAL RELEASE
B	2018/02/08	SHEET 2: F7: ADDED DIM 1.28 REF. H8: ADDED REF TO DIM 13.4 i.e 13.4 REF SHEET 5: D9: ADDED DIM 19.52. D10: ADDED DIM 35.28 AND 38.52 D11: ADDED DIM 54.28 AND 57.52. D13: ADDED DIM 73.28 AND 76.52. D15: ADDED DIM 92.28 AND 95.52. C16: ADDED DIM 110.78. SHEET 6: K13: CORRECTED TYPO DIM FROM 9.78 REF TO 9.75 REF K3: CORRECTED TYPO DIM FROM 9.78 REF TO 9.75 REF SHEET 3: K9: CORRECTED TYPO OF PRODUCT IDENTIFICATION “WITH HEAT SINKS” TO “NO HEAT SINKS” K4: CORRECTED TYPO OF PRODUCT IDENTIFICATION “NO HEAT SINKS” TO “WITH HEAT SINKS”
B1	2019/11/15	SHEET 6: K06: CORRECTED THE VIEWS FROM CROSS CONDITION TO ONLY SIDE CONDITION K15: CORRECTED THE VIEWS FROM CROSS CONDITION TO ONLY SIDE CONDITION

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:													
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 = 0	ANGULAR TOL ± 2.0 °																	
 = 0	4 PLACES		±		EC NO: 627568 DRWN: MCHEN104 2019/11/14 CHK'D: JCHIANG 2019/11/18 APPR: JCHIANG 2019/11/18					ZQSFP+ 1X6 GANGED CAGE WING SPRING FINGER WITH H/S & LP OPTIONS								
 = 0	3 PLACES		±															
 = 0	2 PLACES		± 0.13															
 = 0	1 PLACE		± 0.25		INITIAL REVISION: DRWN: SJKG 2016/10/24 APPR: RCHEN08 2016/12/02					DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION		
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 = 0							C-SIZE		100086		SEE DRAWING		GENERAL MARKET				7 OF 7	

DOCUMENT STATUS	P1	RELEASE DATE	2019/11/18 09:42:57
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