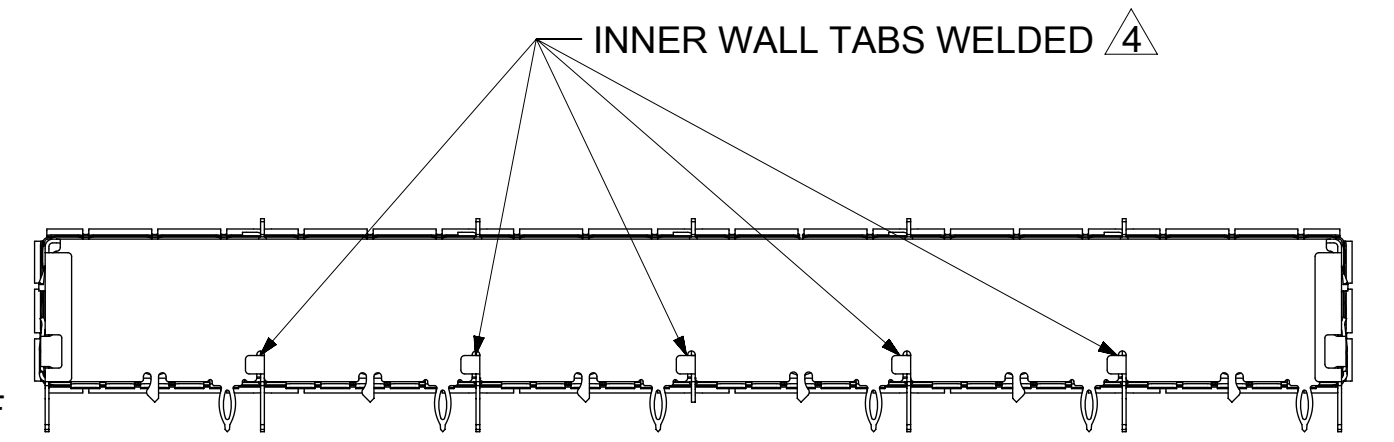
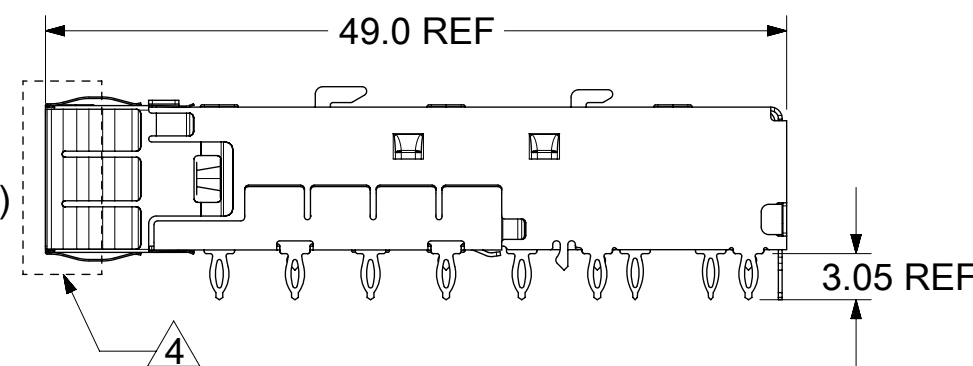
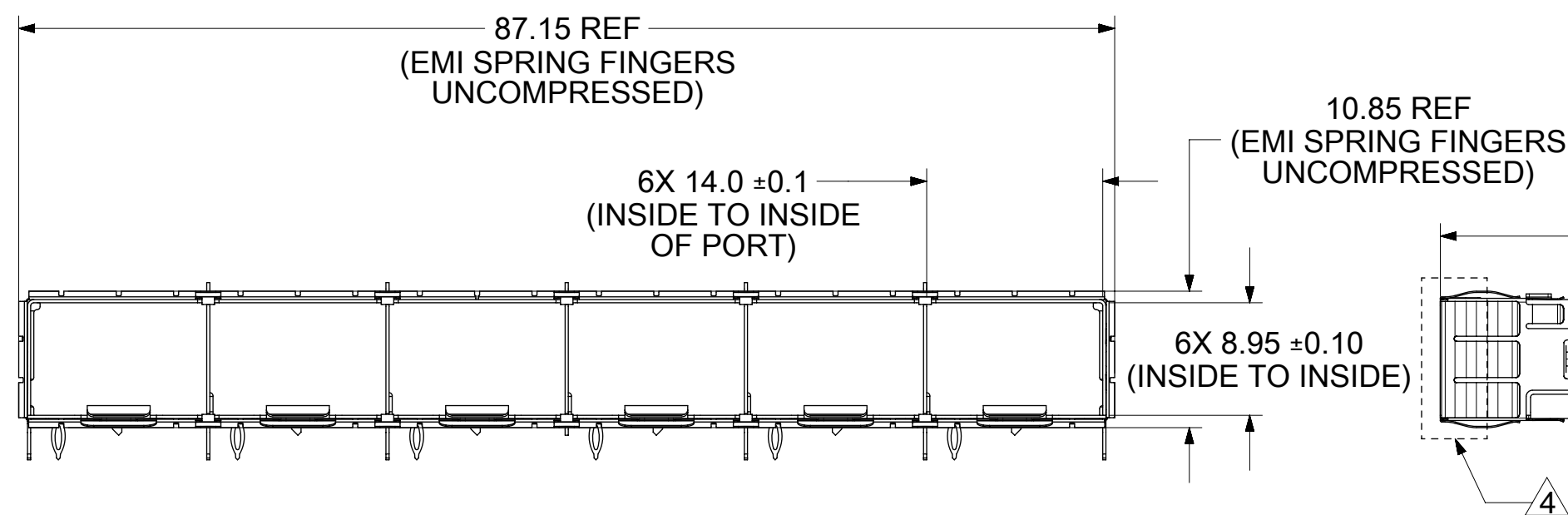
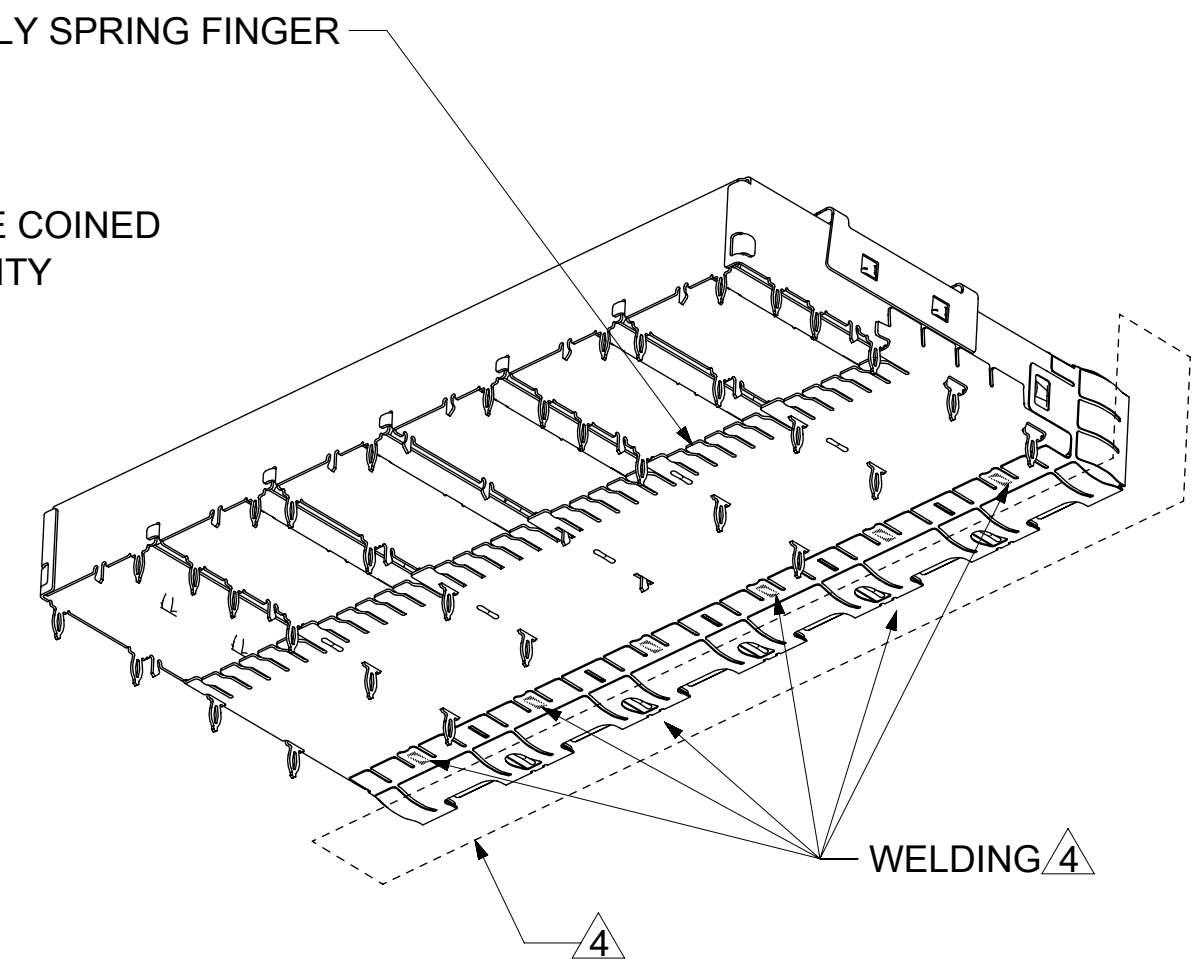
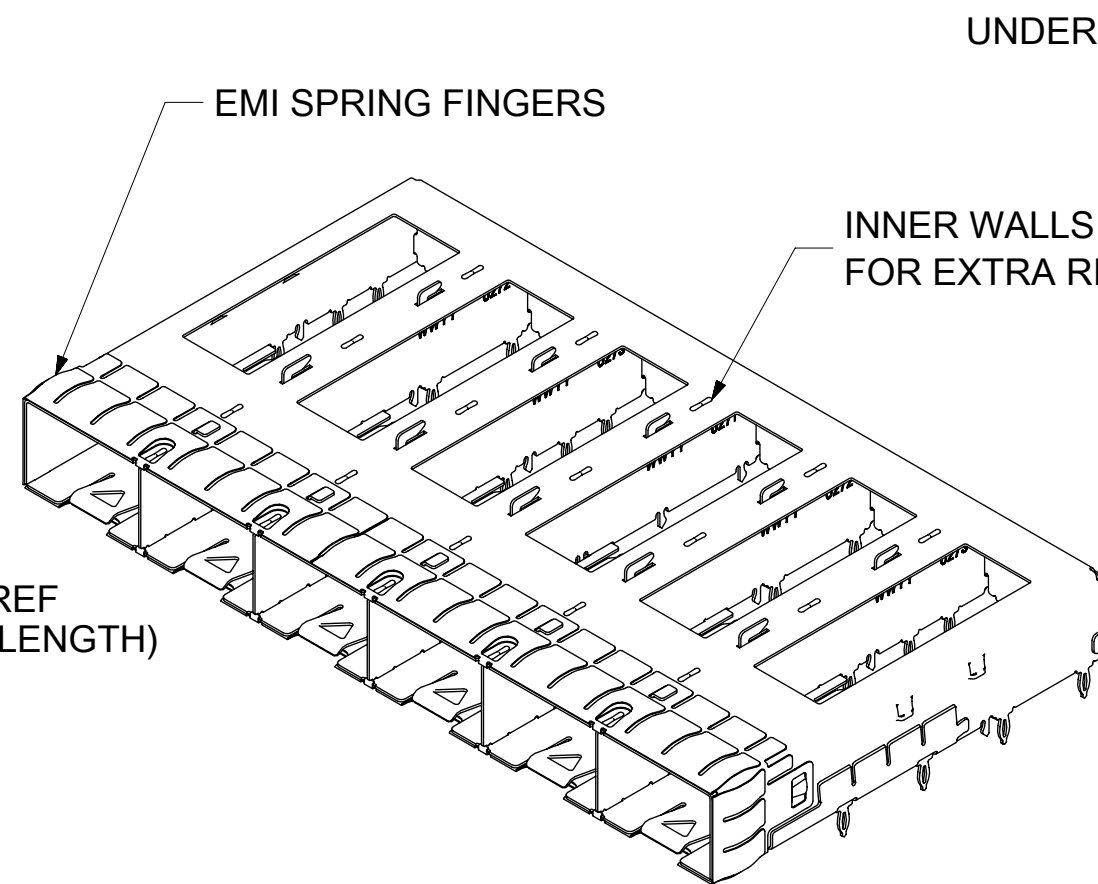
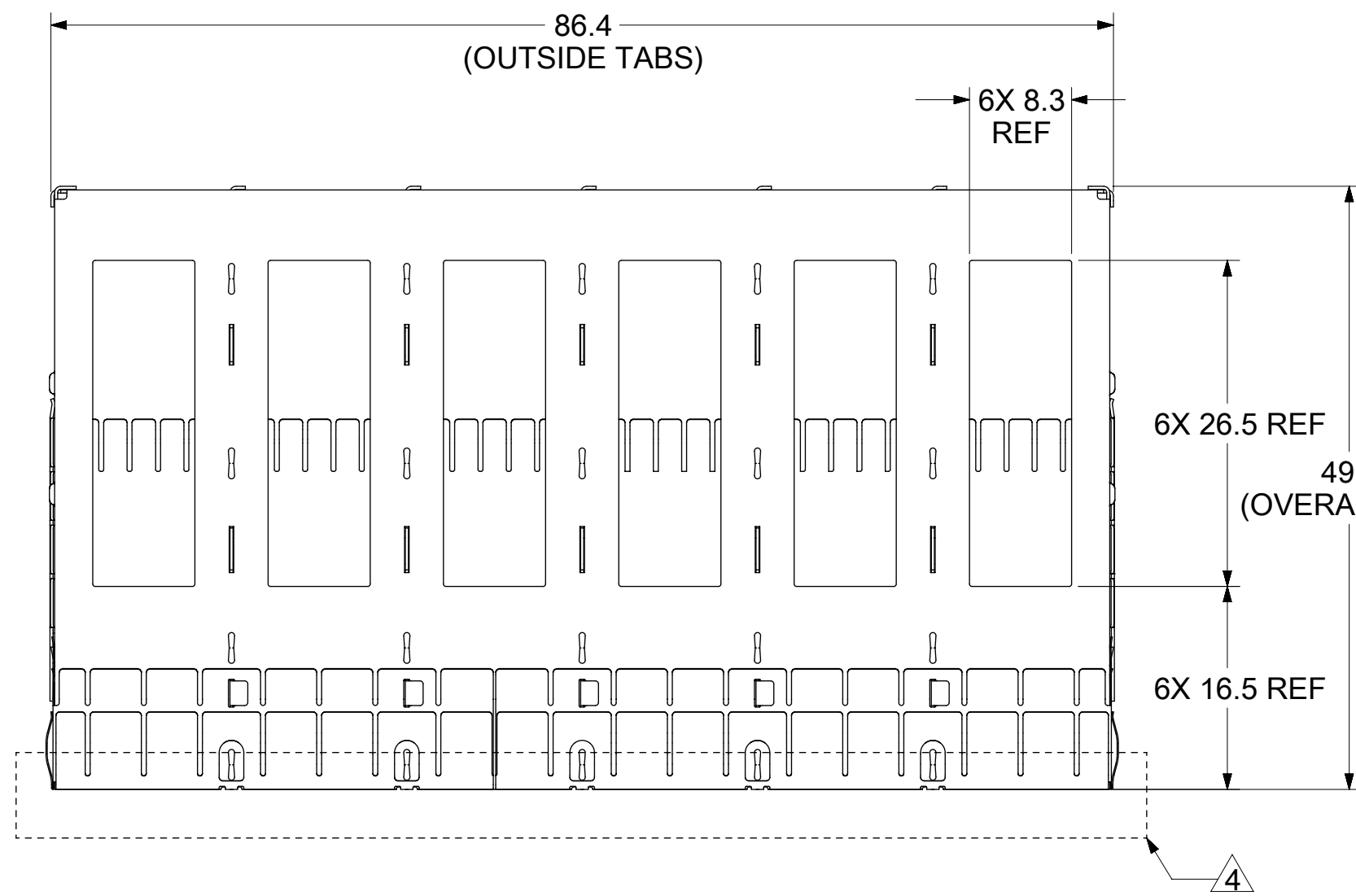


BASE CAGE DETAILS

1111128670

(HEATSINK AND HEATSINK CLIP NOT SHOWN FOR CLARITY)



NOTES:

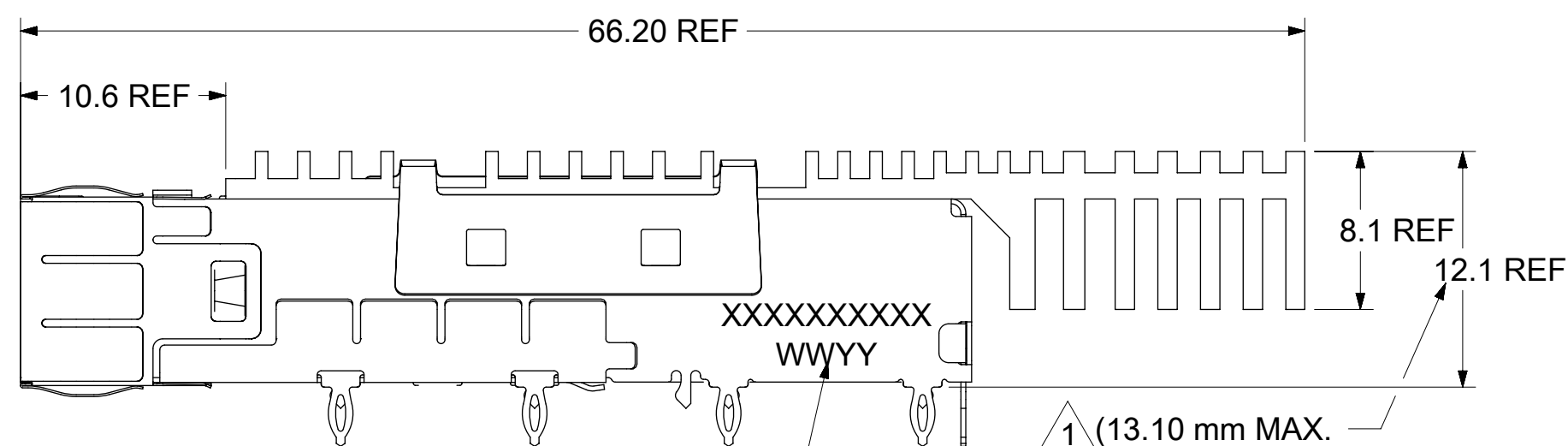
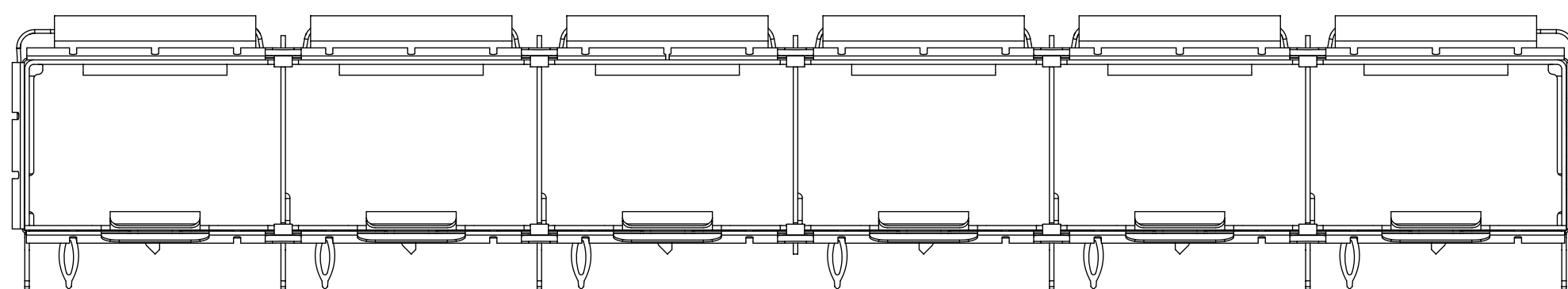
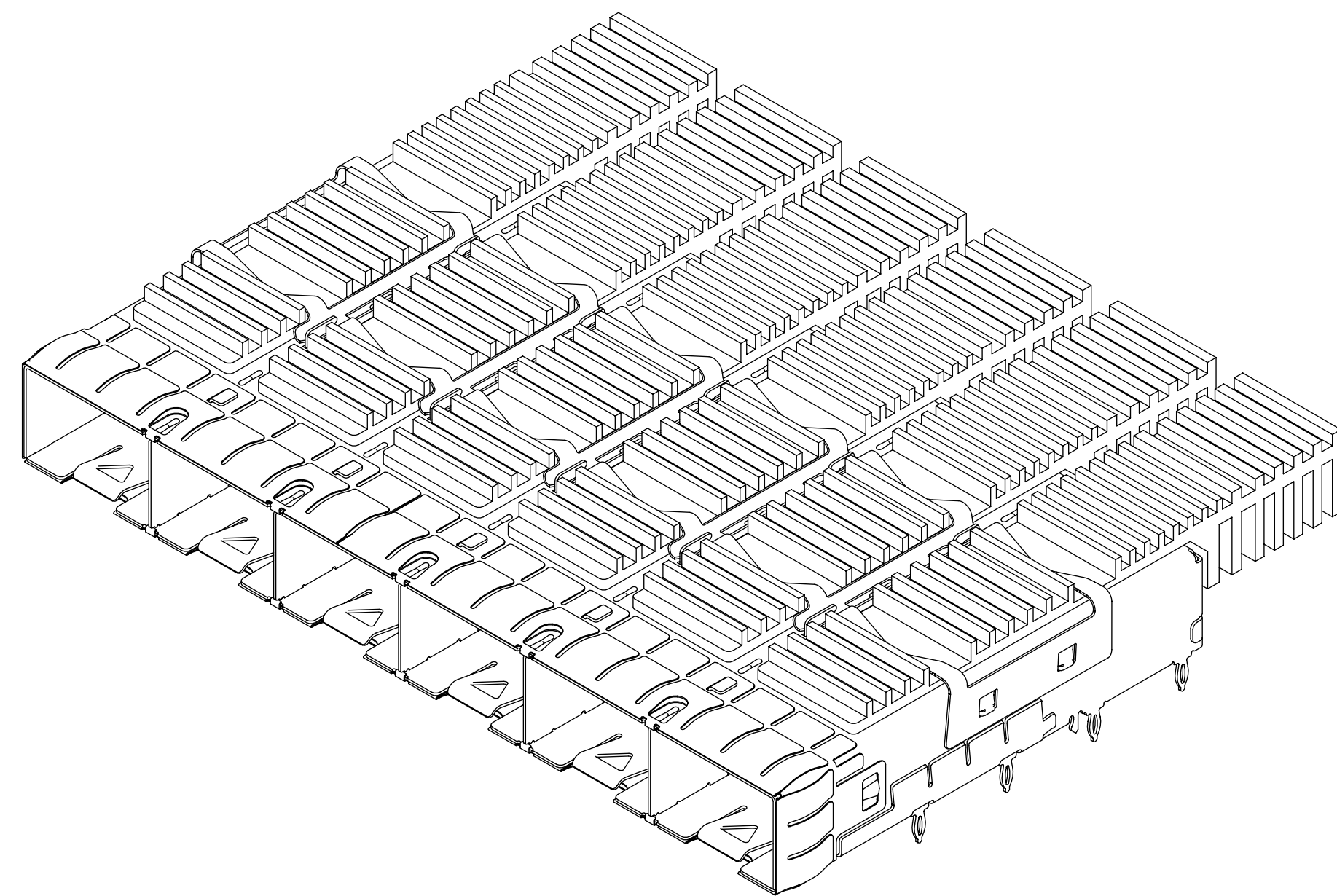
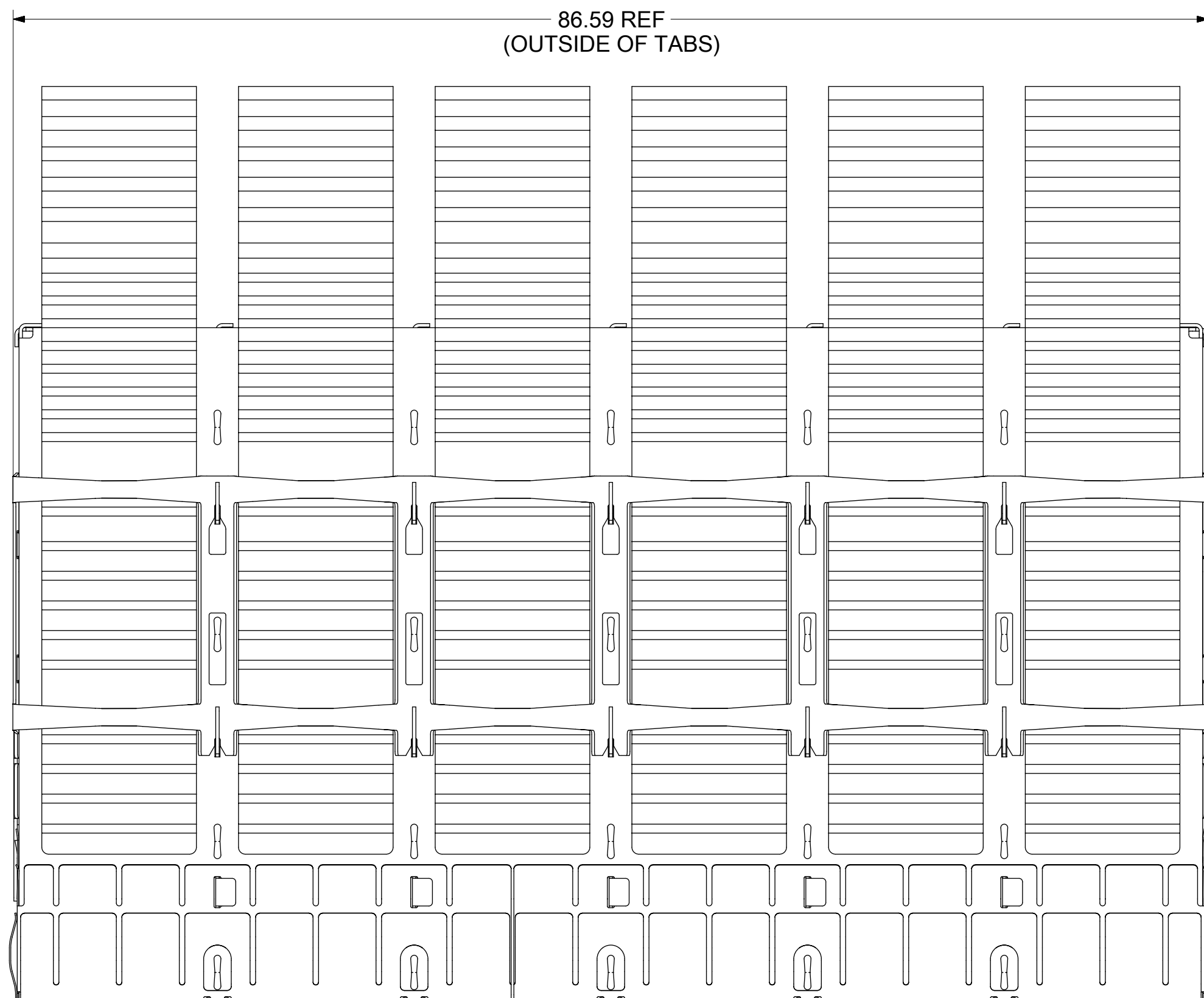
- MATERIAL:**
CAGE: 0.25mm THICK COPPER ALLOY, NICKEL PLATED.
SPRING FINGERS: STAINLESS STEEL.
HEATSINK: ALUMINUM, NICKEL PLATED.
HEATSINK SPRING CLIP: STAINLESS STEEL.
- PRESS FIT LEGS 3.05mm LONG:**
- PORTS ARE DESIGNED FOR SFP+ TRANSCEIVERS AND ARE COMPATIBLE WITH SFP TRANSCEIVERS. THE TOP SURFACE OF THE MODULE MUST BE FLAT (NO PRODUCT LABEL RECESS) AND THERMALLY CONDUCTIVE TO FUNCTION OPTIMALLY.**
- WELD SPOT MAY SHOW SLIGHT MATERIAL DISCOLORATION.**
- NO RoHS EXEMPTIONS.**

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SEE REVISION TABLE		
	DIMENSION UNITS	SCALE			
$\nabla_A = 0$	mm	2:1			SFP+ 1X6 CAGE ASY W/ PRESS FIT, HEAT SINKS, WITH SUS EMI SPRING FINGERS
$\nabla_C = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)				
$\nabla_P = 0$	ANGULAR TOL ± 1.0°				PRODUCT CUSTOMER DRAWING
DIVISIONAL SYMBOLS	4 PLACES	±	EC NO: 707270	2022/04/13	
	3 PLACES	±	DRWN: PKH	2022/05/25	
	2 PLACES	± 0.15	CHK'D: TKUMARKC	2022/06/01	
	1 PLACE	± 0.25	APPR: SCHIEN		
	0 PLACES	±	INITIAL REVISION:		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: PKH	2022/06/01	DOCUMENT NUMBER
	THIRD ANGLE PROJECTION		APPR: SCHIEN	2022/06/01	1111128670
	DRAWING		SERIES	MATERIAL NUMBER	CUSTOMER
	C-SIZE		111112	1111128670	
					DOC TYPE DOC PART REVISION
					PSD ASY A
					SHEET NUMBER
					1 OF 5

CAGE ASSEMBLY W/ HEAT SINK

111128670

SHOWN



PN/DATE CODE TO BE PRINTED ON THE SIDE OF COMPLETED CAGE ASSEMBLY APPROXIMATELY AS SHOWN.

1 (13.10 mm MAX. HEIGHT MATING WITH TRANSCEIVERS)

WEEK/YEAR DATE CODE TABLE

WW	01 THRU 52 OR 53	EXAMPLE: 01 = FIRST WEEK OF YEAR 52 = LAST WEEK OF YEAR
YY	22, 23, 24 ETC.	EXAMPLE: YEAR 2022 = 22

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

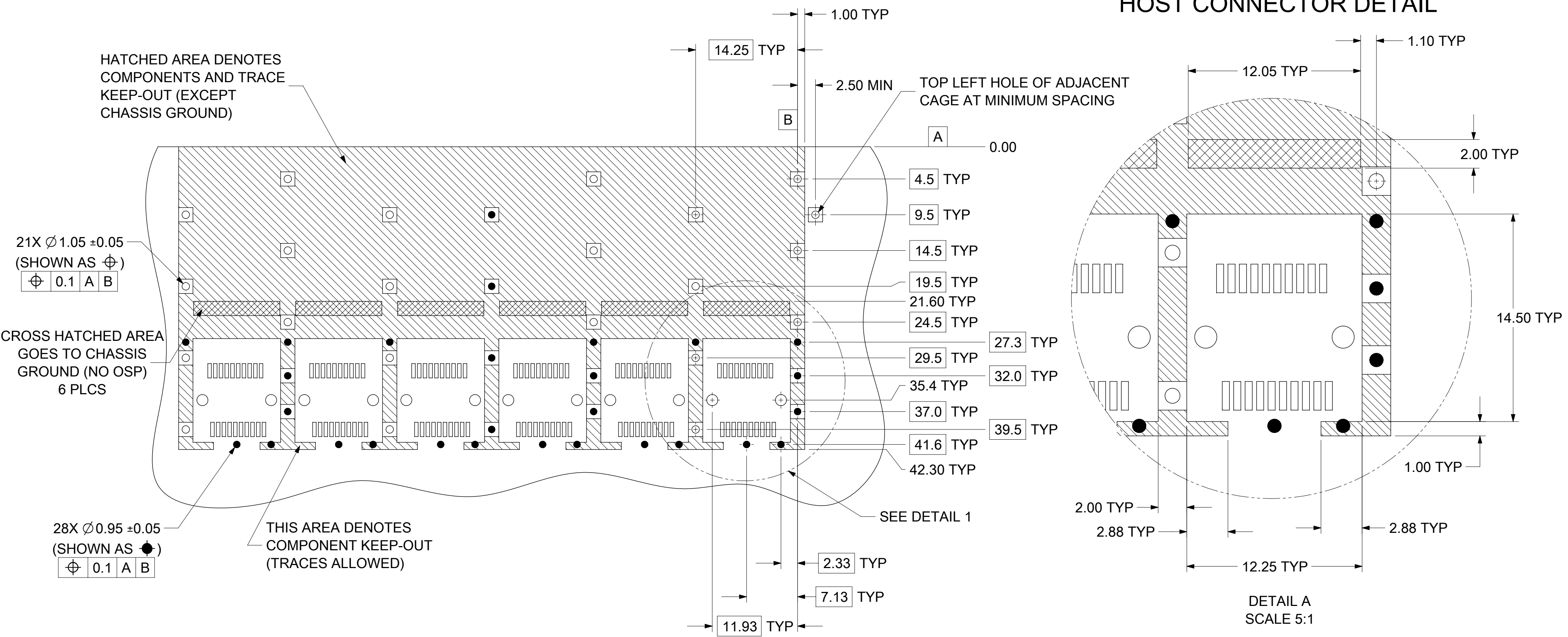
FUNCTIONAL SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC: SEE REVISION TABLE		
$\nabla_A = 0$	mm	3:1	<p>molex</p> <p>SFP+ 1X6 CAGE ASY W/ PRESS FIT, HEAT SINKS, WITH SUS EMI SPRING FINGERS</p> <p>PRODUCT CUSTOMER DRAWING</p>		
$\nabla_E = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)				
$\nabla_P = 0$	ANGULAR TOL $\pm 1.0^\circ$				
DIVISIONAL SYMBOLS	4 PLACES \pm	EC NO: 707270			
	3 PLACES \pm	DRWN: PKH	2022/04/13		
	2 PLACES ± 0.15	CHK'D: TKUMARKC	2022/05/25		
	1 PLACE ± 0.25	APPR: SCHIEN	2022/06/01		
	0 PLACES \pm	INITIAL REVISION:			
		DRWN: PKH	2022/04/13		
		APPR: SCHIEN	2022/06/01		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
		C-SIZE	111112	111128670	
					SHEET NUMBER
					2 OF 5

NOTE: ∇_1 HEIGHT OF HEATSINK WITH MODULE INSERTED DIMENSION MAY BE LESS DUE TO MODULE AND HEATSINK VARIATIONS

DOCUMENT STATUS	P1	RELEASE DATE	2022/06/01	06:40:58
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PCB LAYOUT FOR SINGLE SIDE MOUNT

HOST CONNECTOR DETAIL

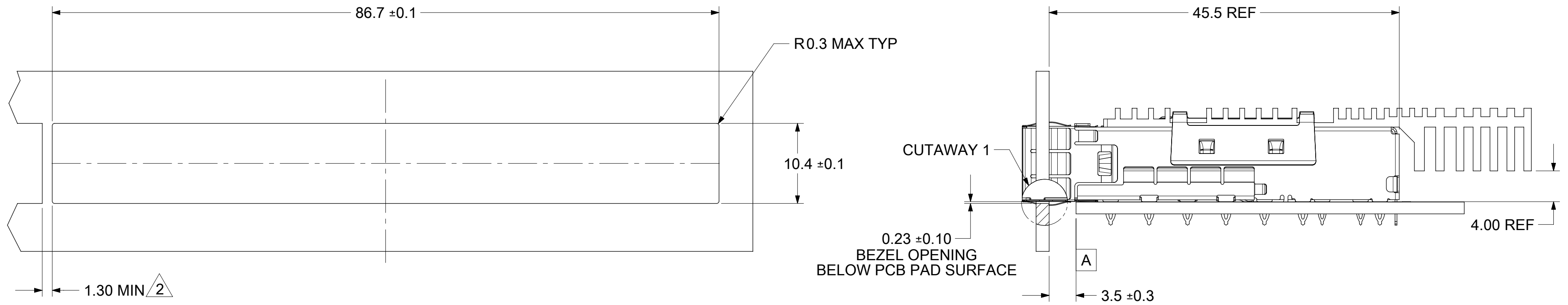


- NOTES:
1. PADS AND VIAS CONNECT TO CHASSIS GROUND (RECOMMEND PADS TO BE 2.00mm SQUARE)
 2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
 3. CONNECTOR PAD LAYOUT PER SFP+ MSA WILL ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.
 4. HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.
 5. MIN PCB THICKNESS FOR SINGLE SIDED USE: 1.57mm.

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SEE REVISION TABLE		molex	
$\frac{F}{A} = 0$	mm	SCALE	5:2	EC NO: 707270			
$\frac{F}{C} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)			DRWN: PKH		2022/04/13	
$\frac{F}{P} = 0$	ANGULAR TOL $\pm 1.0^\circ$			CHK'D: TKUMARKC		2022/05/25	
DIVISIONAL SYMBOLS		4 PLACES \pm		APPR: SCHIEN		2022/06/01	
		3 PLACES \pm		INITIAL REVISION:		DOCUMENT NUMBER	
		2 PLACES ± 0.15		DRWN: PKH		111128670	
		1 PLACE ± 0.25		APPR: SCHIEN		PSD ASY A	
		0 PLACES \pm		THIRD ANGLE PROJECTION		MATERIAL NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING		SERIES		CUSTOMER	
		C-SIZE		111112		SHEET NUMBER	
						3 OF 5	

DOCUMENT STATUS	P1	RELEASE DATE	2022/06/01	06:40:58
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BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING



- NOTE:
1. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMINING BEZEL OPENING LOCATION.
 2. THIS DIMENSION IS FOR REFERENCE ONLY. USER CAN MODIFY UT DEPENDS ON APPLICATION. (THIS DIMENSION VARIES BASED ON DISTANCE OF "HOLE OF ADJACENT CAGE" ON PCB LAYOUT.)

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
	DIMENSION UNITS	SCALE	CURRENT REV DESC: SEE REVISION TABLE				
$\frac{F}{A} = 0$	mm	2.5:1	EC NO: 707270 DRWN: PKH 2022/04/13 CHK'D: TKUMARKC 2022/05/25 APPR: SCHIEN 2022/06/01				
$\frac{F}{C} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)						
$\frac{F}{P} = 0$	ANGULAR TOL ± 1.0°						
DIVISIONAL SYMBOLS	4 PLACES	±	INITIAL REVISION: DRWN: PKH 2022/04/13 APPR: SCHIEN 2022/06/01				
	3 PLACES	±					
	2 PLACES	± 0.15					
	1 PLACE	± 0.25					
	0 PLACES	±					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			C-SIZE	111112	111128670		4 OF 5

molex

SFP+ 1X6 CAGE ASY W/ PRESS FIT, HEAT SINKS, WITH SUS EMI SPRING FINGERS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
111128670	PSD	ASY	A

REV	DATE	DESCRIPTION
A	2022/05/25	INITIAL RELEASE

H
G
F
E
D
C
B
A

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
	DIMENSION UNITS	SCALE	CURRENT REV DESC: SEE REVISION TABLE				molex
$\frac{F}{A} = 0$	mm	1:1					
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 707270				SFP+ 1X6 CAGE ASY W/ PRESS FIT, HEAT SINKS, WITH SUS EMI SPRING FINGERS
$\frac{F}{C} = 0$	ANGULAR TOL ± 1.0°		DRWN: PKH 2022/04/13				
	DIVISIONAL SYMBOLS		CHK'D: TKUMARKC 2022/05/25				PRODUCT CUSTOMER DRAWING
$\frac{F}{P} = 0$	4 PLACES ±		APPR: SCHIEN 2022/06/01				
	3 PLACES ±		INITIAL REVISION:				
	2 PLACES ± 0.15		DRWN: PKH 2022/04/13				DOCUMENT NUMBER
	1 PLACE ± 0.25		APPR: SCHIEN 2022/06/01				111128670
	0 PLACES ±						DOC TYPE DOC PART REVISION
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
				C-SIZE	111112	111128670	
							SHEET NUMBER
							5 OF 5