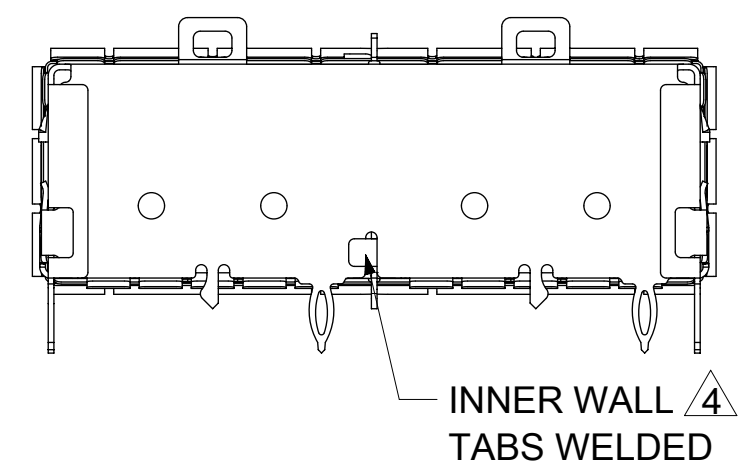
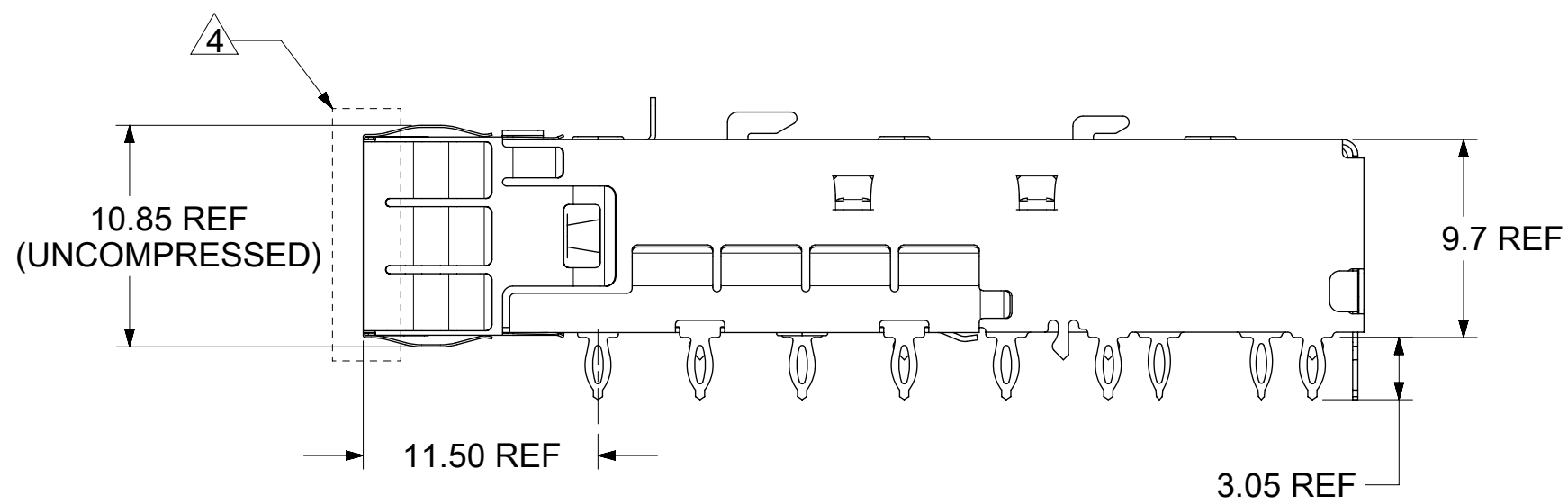
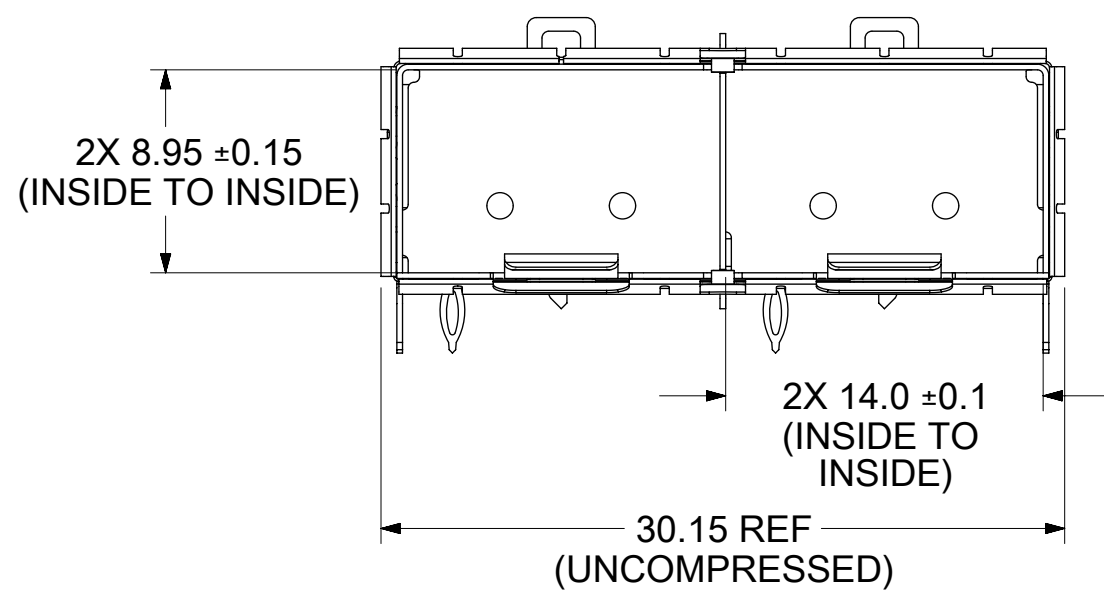
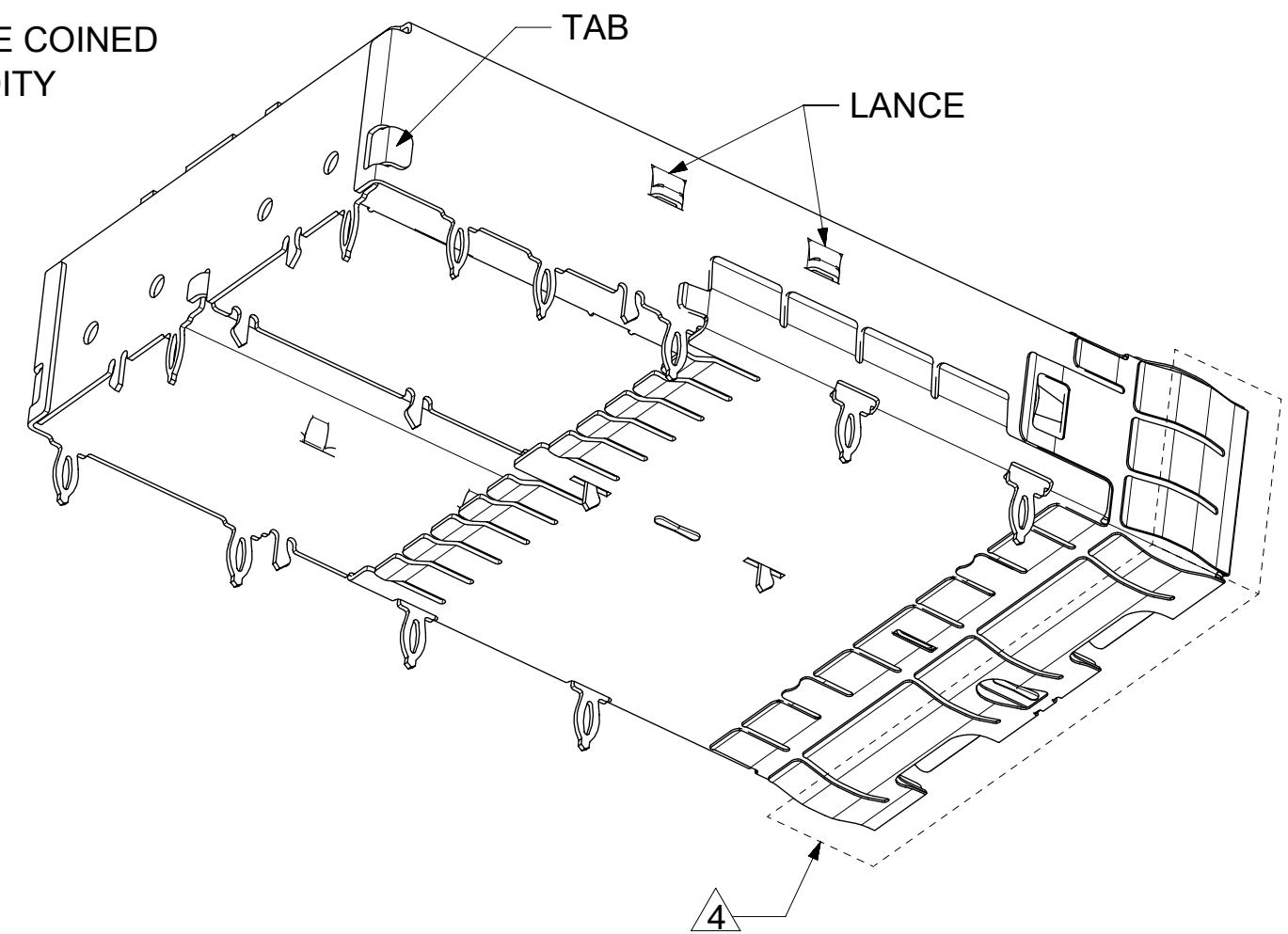
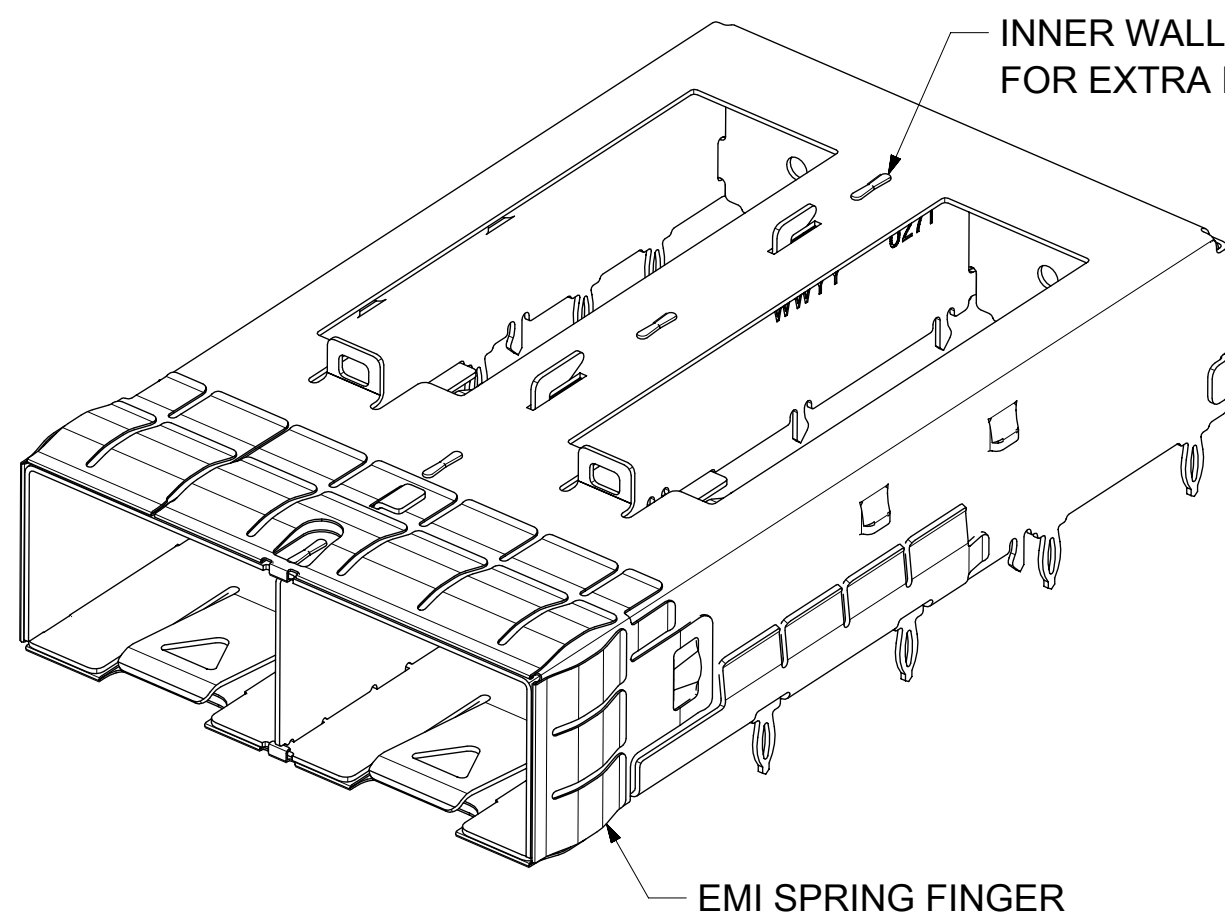
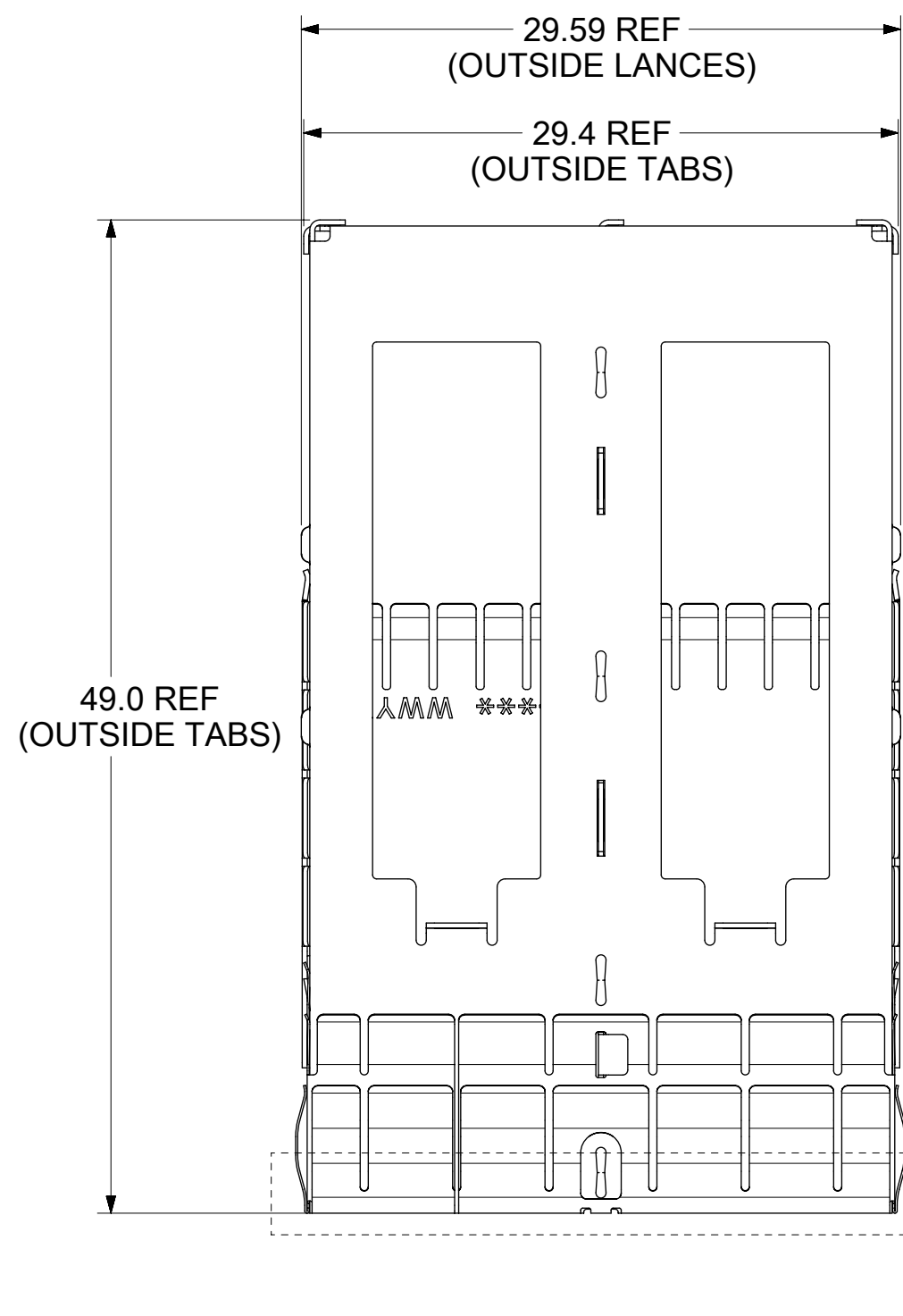


CAGE ASSEMBLY

HEAT SINK, LIGHT PIPE AND CLIP NOT SHOWN FOR CLARITY



NOTES:

1. MATERIAL:
CAGE: 0.25mm THICK COPPER ALLOY, NICKEL PLATED.
SPRING FINGERS: STAINLESS STEEL.
HEATSINK: ALUMINUM, BLACK ANODIZED
HEATSINK SPRING CLIP: STAINLESS STEEL.
2. PRESS FIT LEGS: 3.05MM LONG
3. 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.
4. WELD SPOT MAY SHOW SLIGHT MATERIAL DISCOLORATION.
5. NO RoHS EXEMPTIONS.
6. 1.5mm MINIMUM PCB THICKNESS FOR SINGLE SIDED USE.
7. 3.0mm MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE.

P/N	HEAT SINK	LIGHT PIPE	SHEET NO.
1111128283	CUSTOM SOLID HS	DUAL LIGHT PIPE	SHEET 2
1111128284	CUSTOM SOLID HS WITH TAIL	N/A	SHEET 3
1111128285	CUSTOM SOLID HS	DUAL LIGHT PIPE	SHEET 4

FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_E = 0$ $\nabla_P = 0$	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					
	mm	3:1					
	GENERAL TOLERANCES (UNLESS SPECIFIED)						
DIVISIONAL SYMBOLS	ANGULAR TOL	± 2.0°	EC NO: 707262				
	4 PLACES	±	DRWN: ABHILT2	2022/04/12			
	3 PLACES	±	CHK'D: TKUMARKC	2022/05/26			
	2 PLACES	± 0.13	APPR: SCHIEN	2022/05/27			
1 PLACE	± 0.25	INITIAL REVISION:					
0 PLACES	±	DRWN: ABHILT2	2022/04/12	DOCUMENT NUMBER			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			C-SIZE	111112	SEE P/N TABLE		1 OF 9

molex

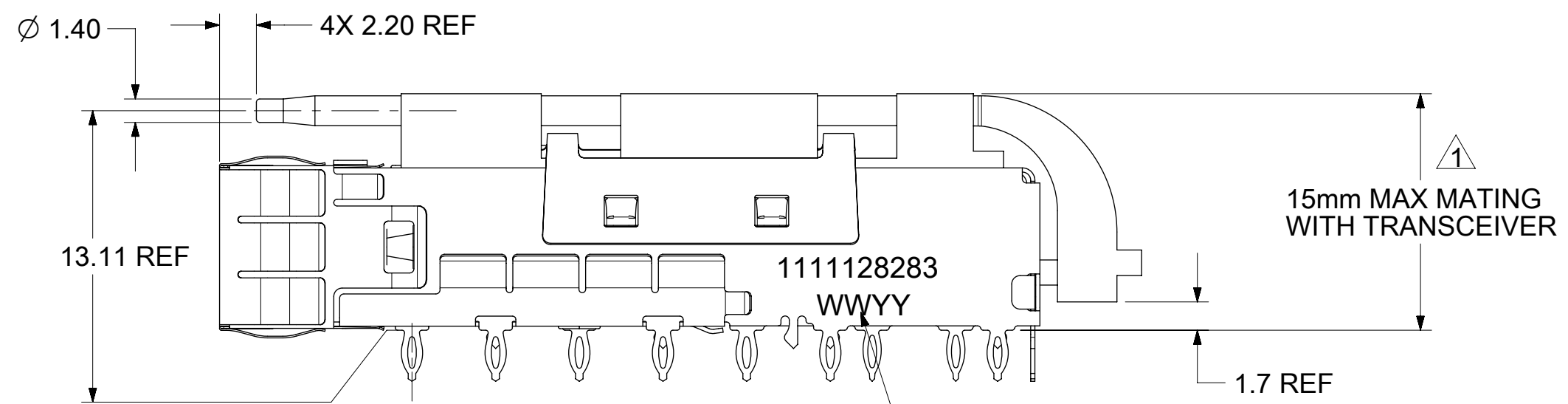
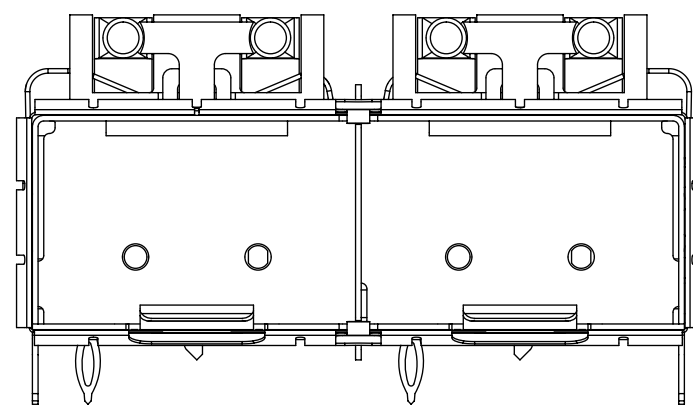
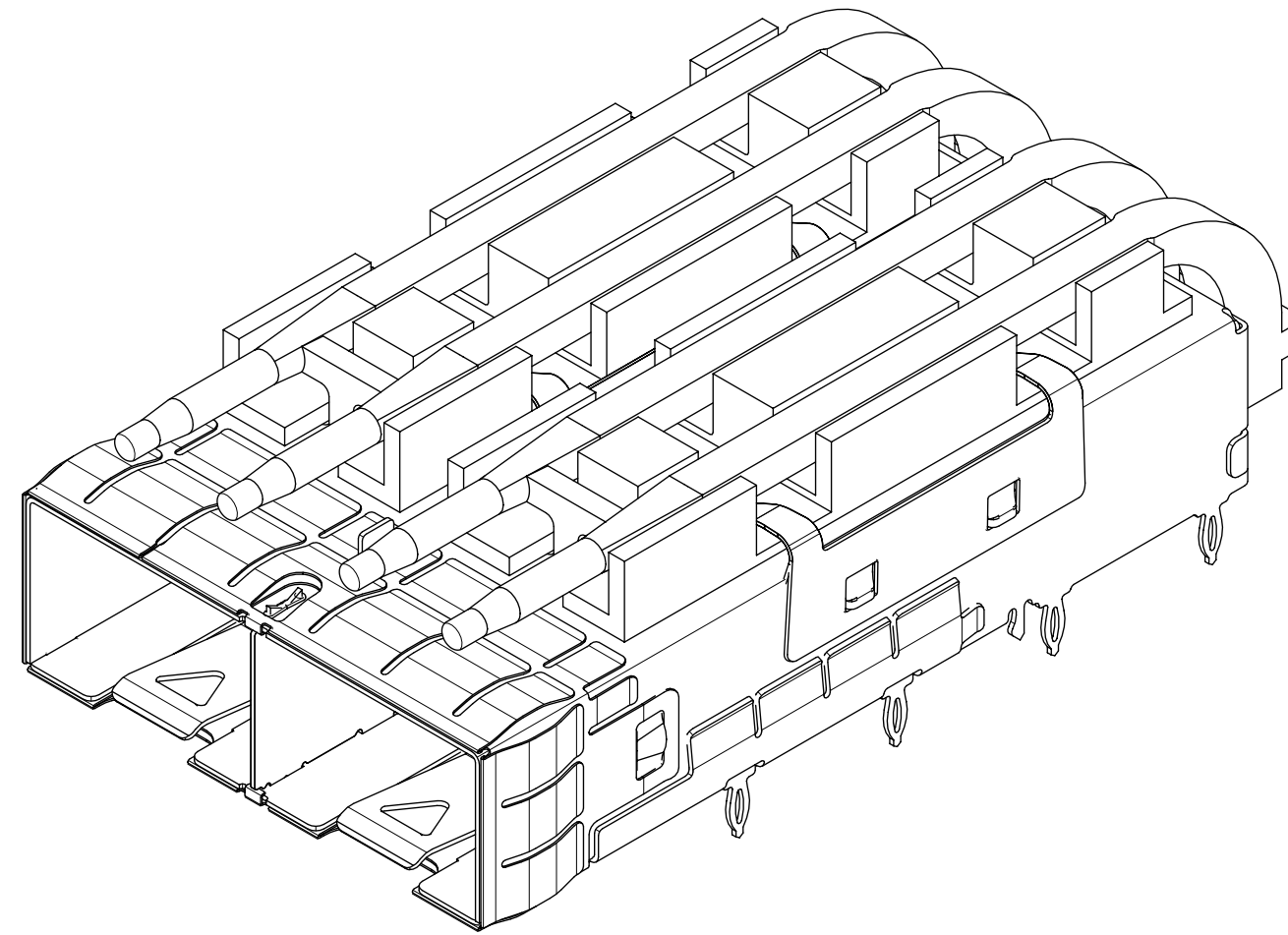
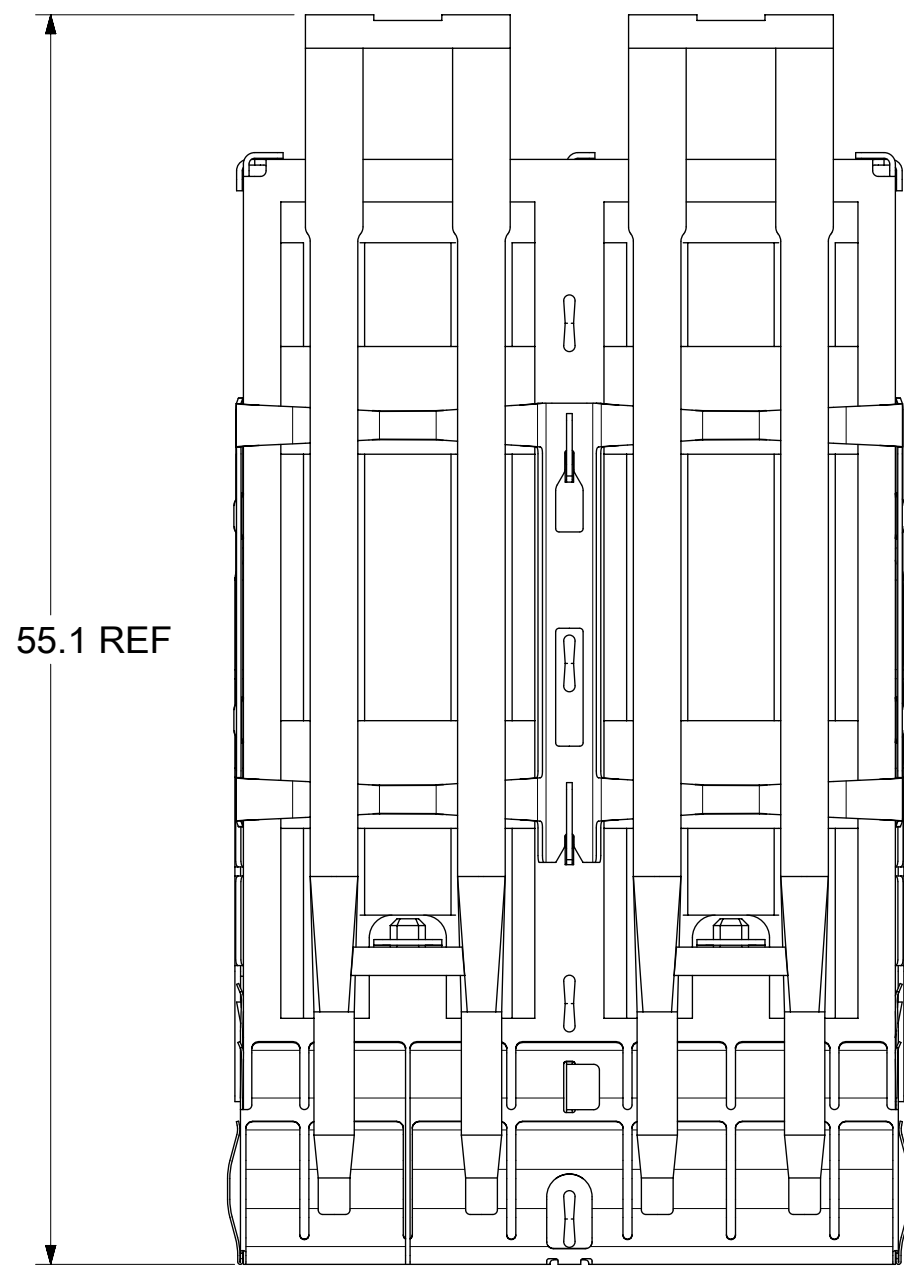
SFP+ 1X2 CAGE ASSY PRESS FIT TYPE
W/ SUS SF, CUSTOM HEATSINK AND DUAL LP, BELLY TO BELLY MOUNTING

PRODUCT CUSTOMER DRAWING		
DOCUMENT NUMBER	DOC TYPE	DOC PART
1111128283	PSD	ASY
		REVISION
		A

CAGE ASSEMBLY W/ HEAT SINK & LIGHT PIPE

1111128283

SHOWN



PART NO. AND WEEK/YEAR DATE CODE TO BE PRINTED ON THE SIDE OF COMPLETED CAGE ASSEMBLY APPROXIMATELY AS SHOWN.

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

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

FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$	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		
	mm	1:1		
	GENERAL TOLERANCES (UNLESS SPECIFIED)			
DIVISIONAL SYMBOLS 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACES ±	ANGULAR TOL	± 2.0°		
	EC NO: 707262			
	DRWN: ABHILT2		2022/04/12	
	CHK'D: TKUMARKC		2022/05/26	
	APPR: SCHIEN		2022/05/27	
INITIAL REVISION:				
DRWN: ABHILT2		2022/04/12		
APPR: SCHIEN		2022/05/27		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES
			C-SIZE	111112
DOCUMENT STATUS		DOC TYPE	DOC PART	REVISION
P1	PSD	ASY	A	
RELEASE DATE	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
2022/05/27 10:20:27	1111128283	SEE P/N TABLE	2 OF 9	

molex

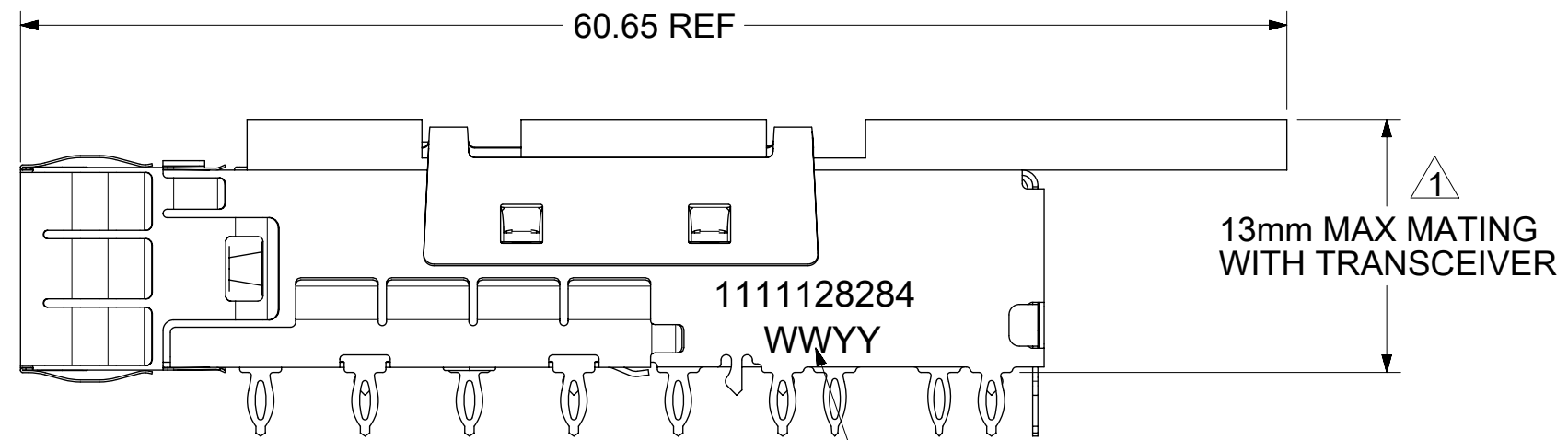
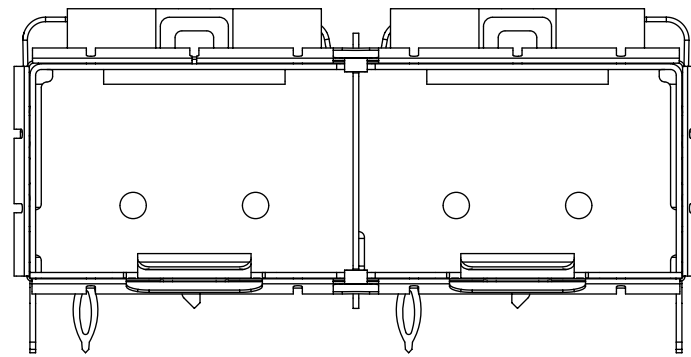
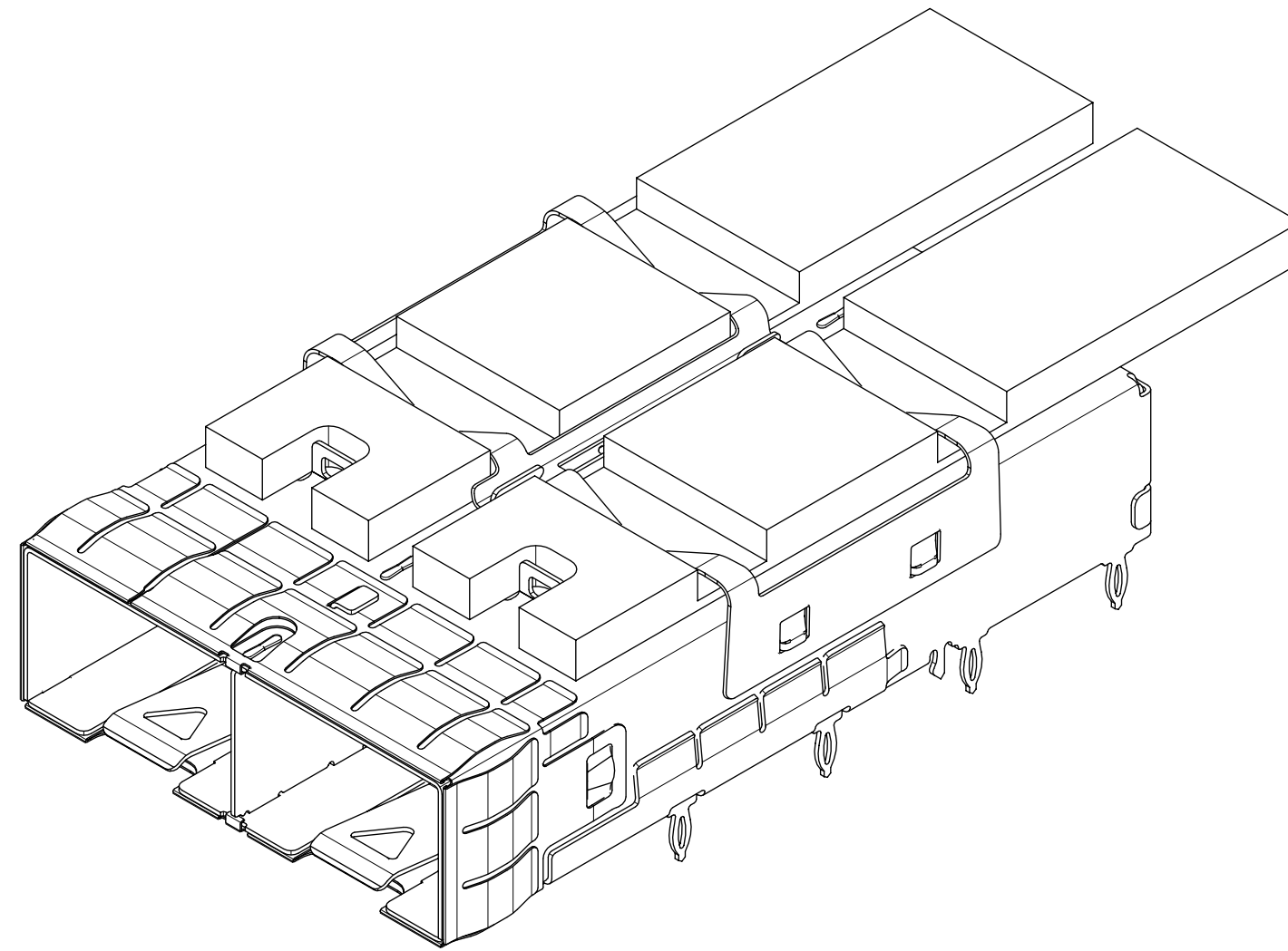
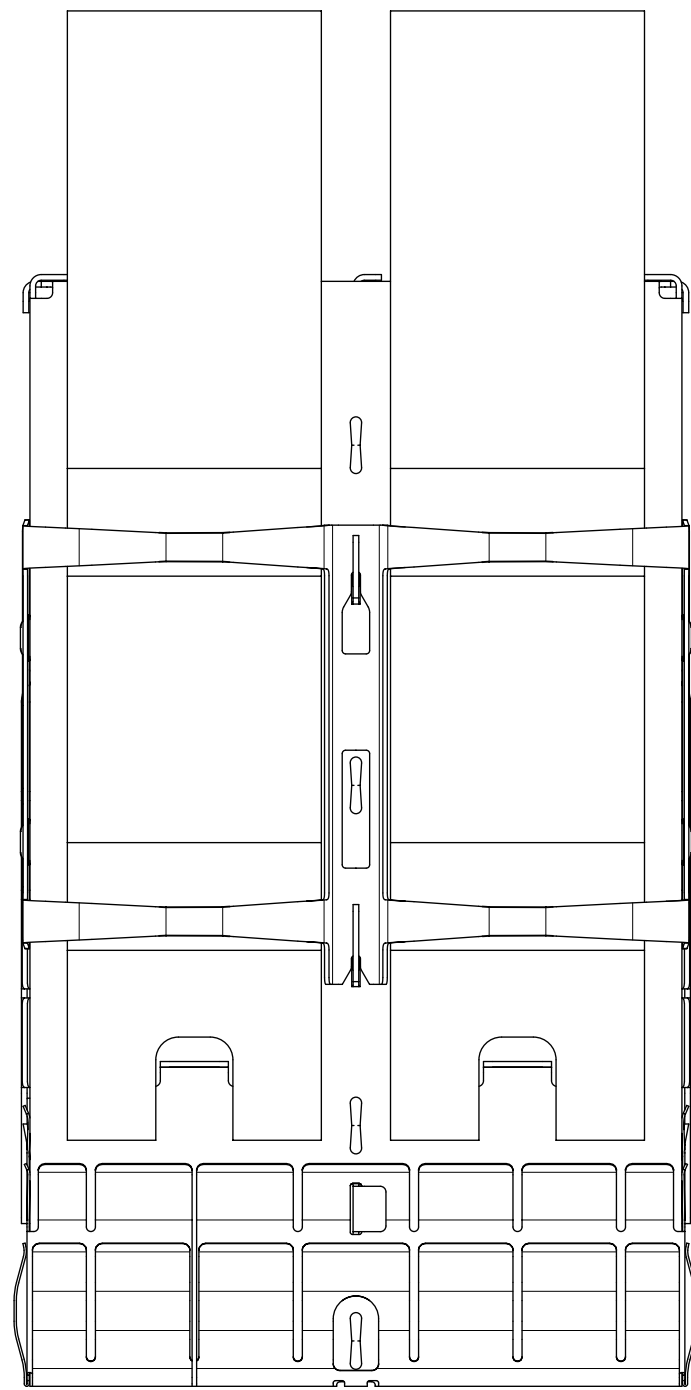
SFP+ 1X2 CAGE ASSY PRESS FIT TYPE
 W/ SUS SF, CUSTOM HEATSINK AND DUAL LP, BELLY
 TO BELLY MOUNTING

PRODUCT CUSTOMER DRAWING

CAGE ASSEMBLY W/ HEAT SINK

111128284

SHOWN



PART NO. AND WEEK/YEAR DATE CODE TO BE PRINTED ON THE SIDE OF COMPLETED CAGE ASSEMBLY APPROXIMATELY AS SHOWN.

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

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

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		
= 0	mm	3:1		
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			
	ANGULAR TOL ± 2.0°			
DIVISIONAL SYMBOLS	4 PLACES	±	EC NO: 707262	
	3 PLACES	±	DRWN: ABHILT2	2022/04/12
	2 PLACES	± 0.13	CHK'D: TKUMARKC	2022/05/26
	1 PLACE	± 0.25	APPR: SCHIEN	2022/05/27
0 PLACES	±	INITIAL REVISION:		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES
			C-SIZE	111112
DOCUMENT STATUS		RELEASE DATE	MATERIAL NUMBER	CUSTOMER
P1	2022/05/27 10:20:27	SEE P/N TABLE		
DOCUMENT NUMBER			DOC TYPE	DOC PART
111128283			PSD	ASY
SHEET NUMBER			REVISION	
3 OF 9			A	

molex

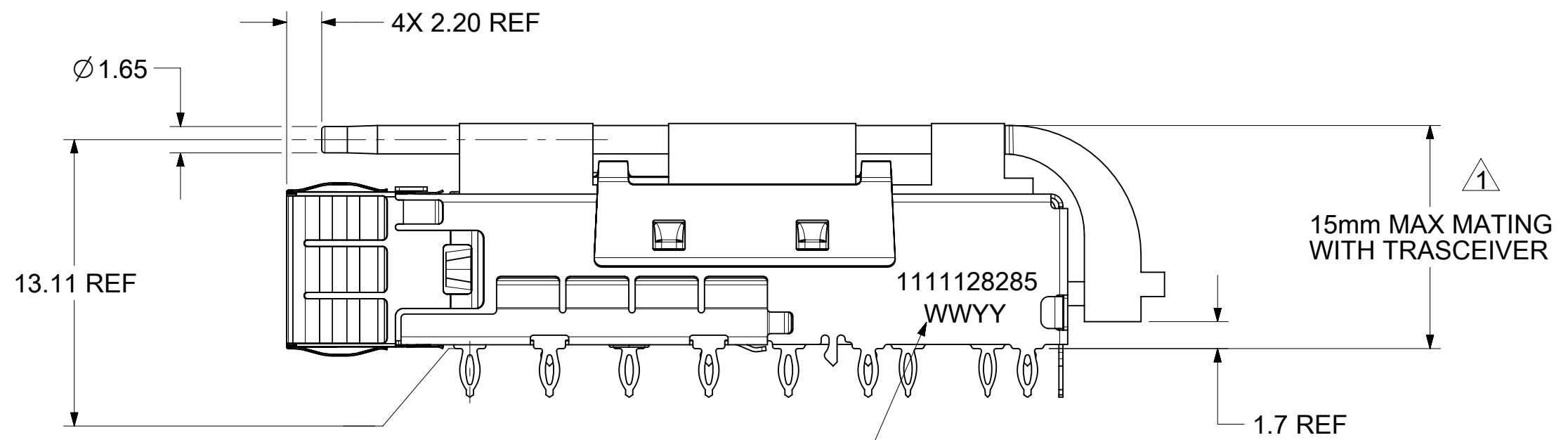
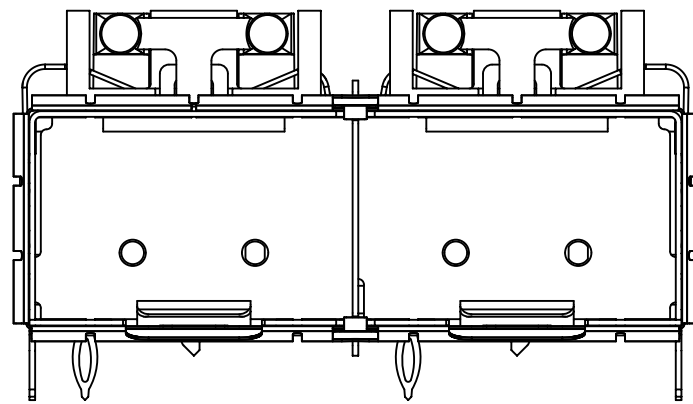
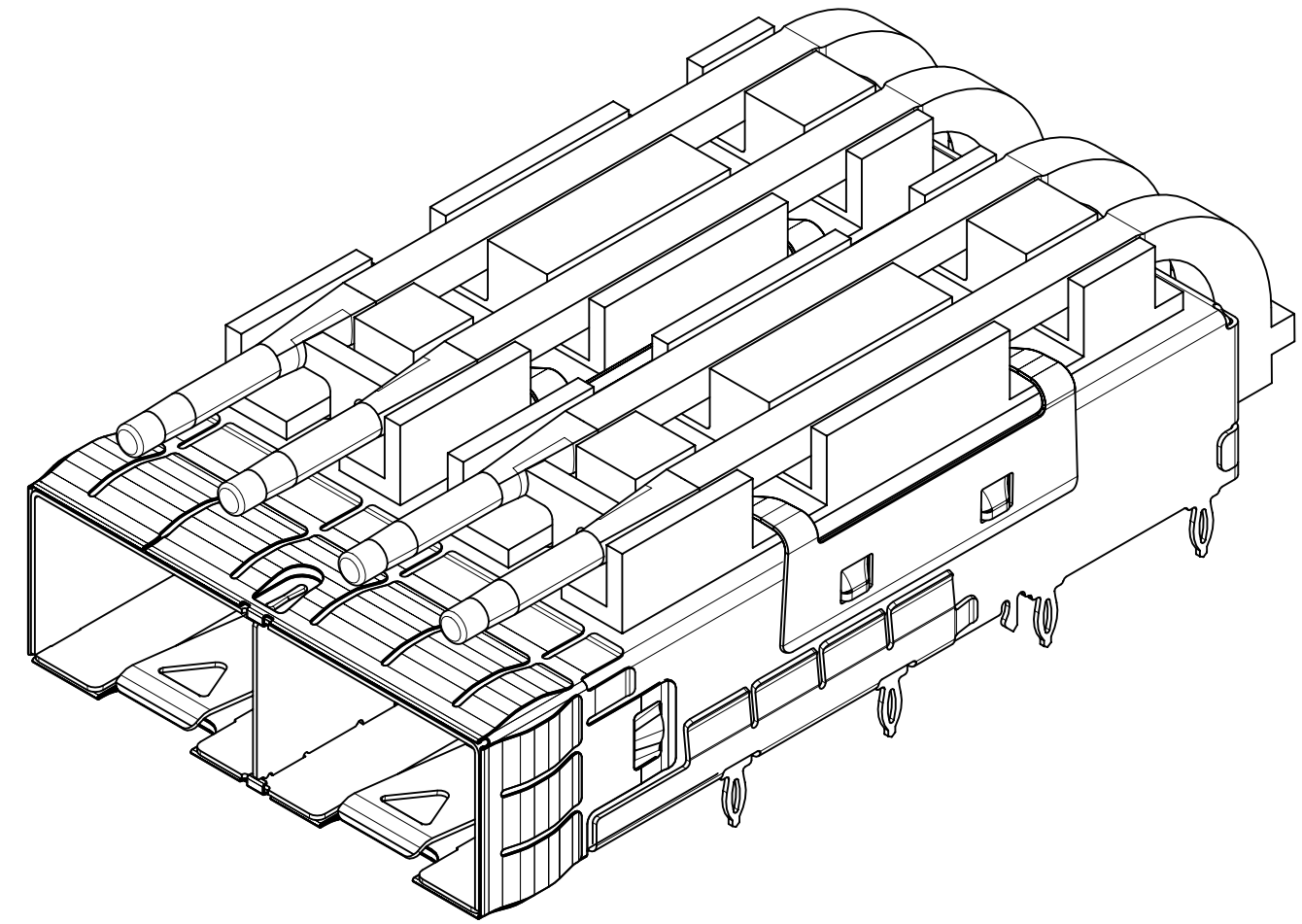
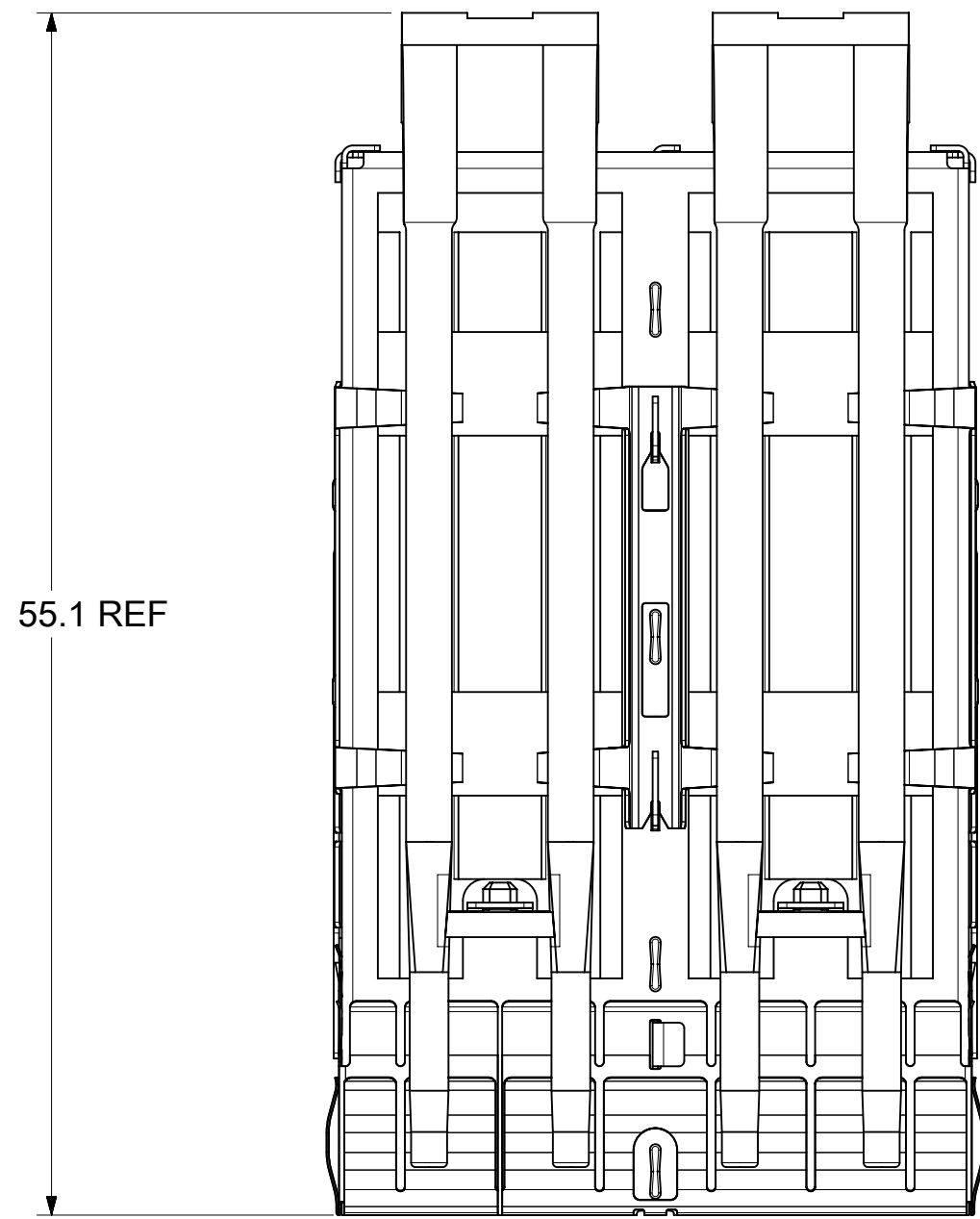
SFP+ 1X2 CAGE ASSY PRESS FIT TYPE
W/ SUS SF, CUSTOM HEATSINK AND DUAL LP, BELLY
TO BELLY MOUNTING

PRODUCT CUSTOMER DRAWING

CAGE ASSEMBLY W/ HEAT SINK

111128285

SHOWN



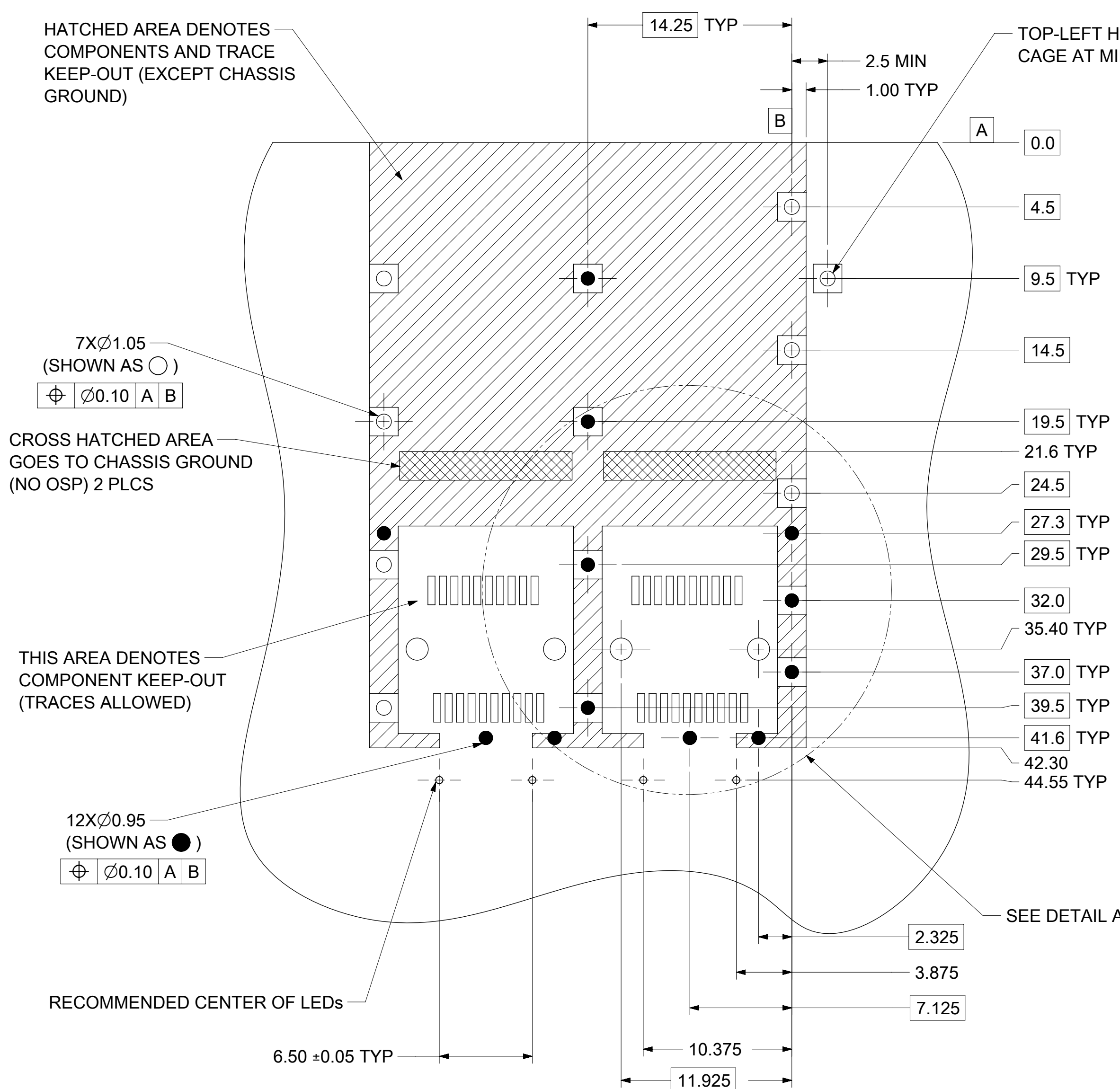
PART NO. AND WEEK/YEAR DATE CODE TO BE PRINTED ON THE SIDE OF COMPLETED CAGE ASSEMBY APPROXIMATELY AS SHOWN.

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

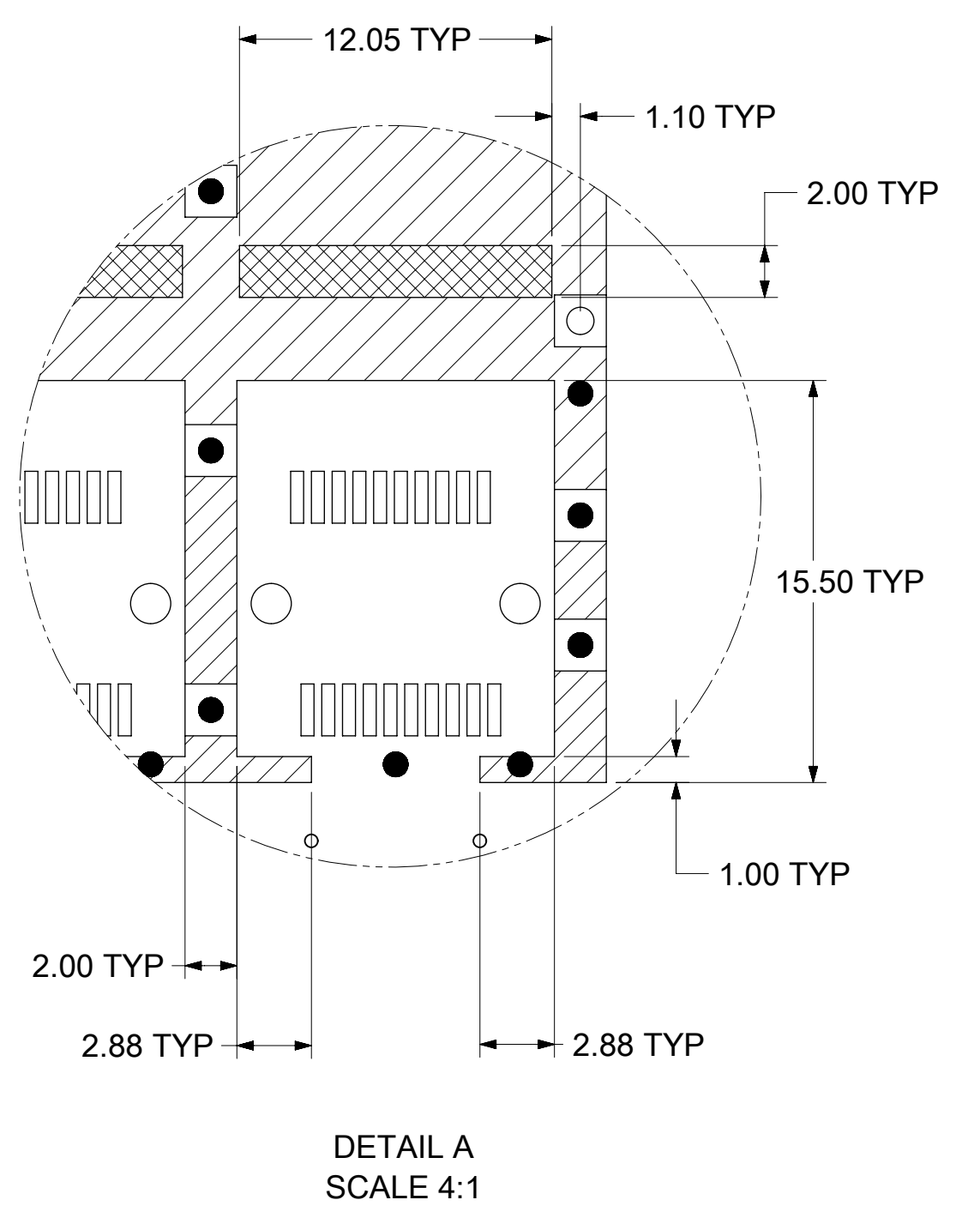
NOTE: HEIGHT OF HEATSINK WITH MODULE INSERTED DIMENSION MAY BE LESS DUE TO MODULE AND HEATSINK VARIATIONS

FUNCTIONAL 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: SEE REVISION TABLE
= 0	mm	3:1	
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		
	ANGULAR TOL ± 2.0°		
DIVISIONAL SYMBOLS	4 PLACES ±	EC NO: 707262	
	3 PLACES ±	DRWN: ABHILT2	2022/04/12
	2 PLACES ± 0.13	CHK'D: TKUMARKC	2022/05/26
	1 PLACE ± 0.25	APPR: SCHIEN	2022/05/27
	0 PLACES ±	INITIAL REVISION:	
		DRWN: ABHILT2	2022/04/12
		APPR: SCHIEN	2022/05/27
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES
		C-SIZE	111112
DOCUMENT STATUS	P1	RELEASE DATE	2022/05/27 10:20:27
111128283		DOC TYPE	DOC PART
111128283		PSD	ASY
SEE P/N TABLE		CUSTOMER	SHEET NUMBER
SEE P/N TABLE			4 OF 9

PCB LAYOUT FOR SINGLE SIDE MOUNTING



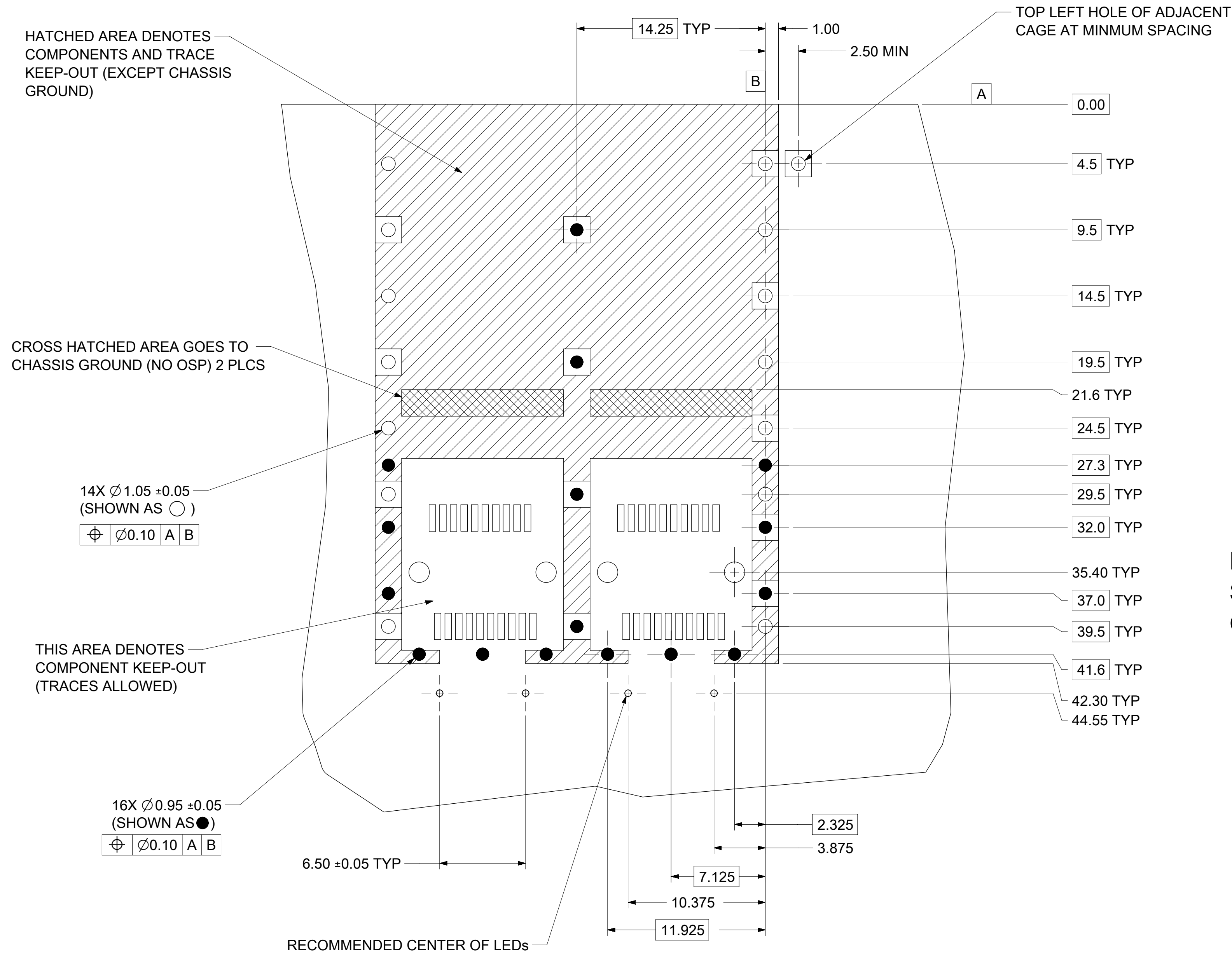
HOST CONNECTOR DETAIL



- 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 ACCOMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.
 4. SPACING BETWEEN PORTS IS 14.25mm

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		
	$\frac{E}{A} = 0$ $\frac{E}{C} = 0$ $\frac{E}{P} = 0$	DIMENSION UNITS: mm SCALE: 4:1	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL $\pm 2.0^\circ$		
DIVISIONAL SYMBOLS	4 PLACES \pm	EC NO: 707262	DRWN: ABHILT2	2022/04/12	PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 111128283 DOC TYPE: PSD DOC PART: ASY REVISION: A
	3 PLACES \pm	CHK'D: TKUMARKC	APPR: SCHIEN	2022/05/27	
	2 PLACES ± 0.13	INITIAL REVISION:	DRWN: ABHILT2	2022/04/12	MATERIAL NUMBER: SEE P/N TABLE CUSTOMER:
	1 PLACE ± 0.25	DRWN: SCHIEN	APPR: SCHIEN	2022/05/27	
	0 PLACES \pm	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING: C-SIZE	SERIES: 111112
					SHEET NUMBER: 5 OF 9

PCB LAYOUT FOR BELLY TO BELLY MOUNTING



NOTE:
SEE SHEET 5 FOR HOST CONNECTOR DETAIL

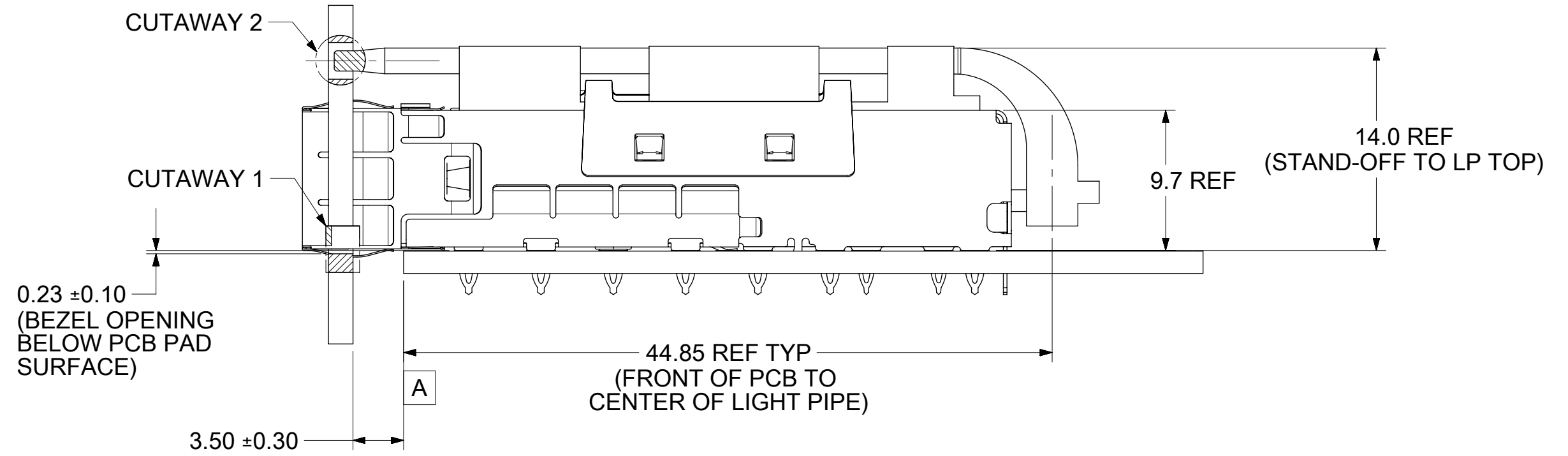
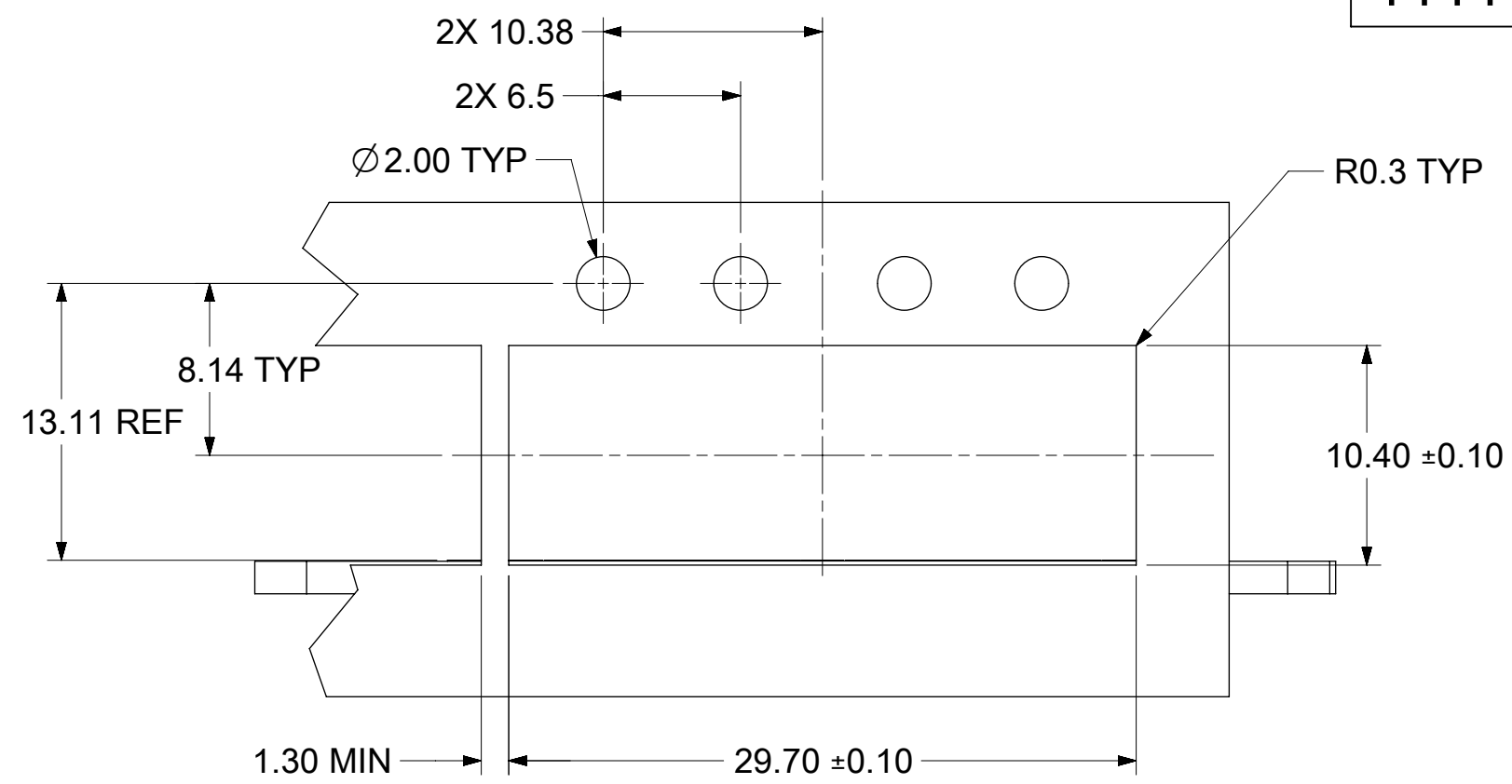
- NOTES:**
1. PADS AND VIAS CONNECT TO CHASSIS GROUND RECOMMEND PADS TO BE 2.00mm SQUARE
 2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN)
 3. CONNECTOR PAD LAYOUT PER SFP+ MSA WILL ACCOMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.
 4. SPACING BETWEEN PORTS IS 14.25mm

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		
$\frac{F}{A} = 0$	mm	4.5:1		
$\frac{E}{C} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)			
	ANGULAR TOL $\pm 2.0^\circ$			
DIVISIONAL SYMBOLS	4 PLACES	\pm		
	3 PLACES	\pm		
	2 PLACES	± 0.13		
	1 PLACE	± 0.25		
0 PLACES	\pm			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES
			C-SIZE	111112
DOCUMENT STATUS		DOC TYPE	DOC PART	REVISION
P1	RELEASE DATE	PSD	ASY	A
2022/05/27	10:20:27	111128283		
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
SEE P/N TABLE				6 OF 9

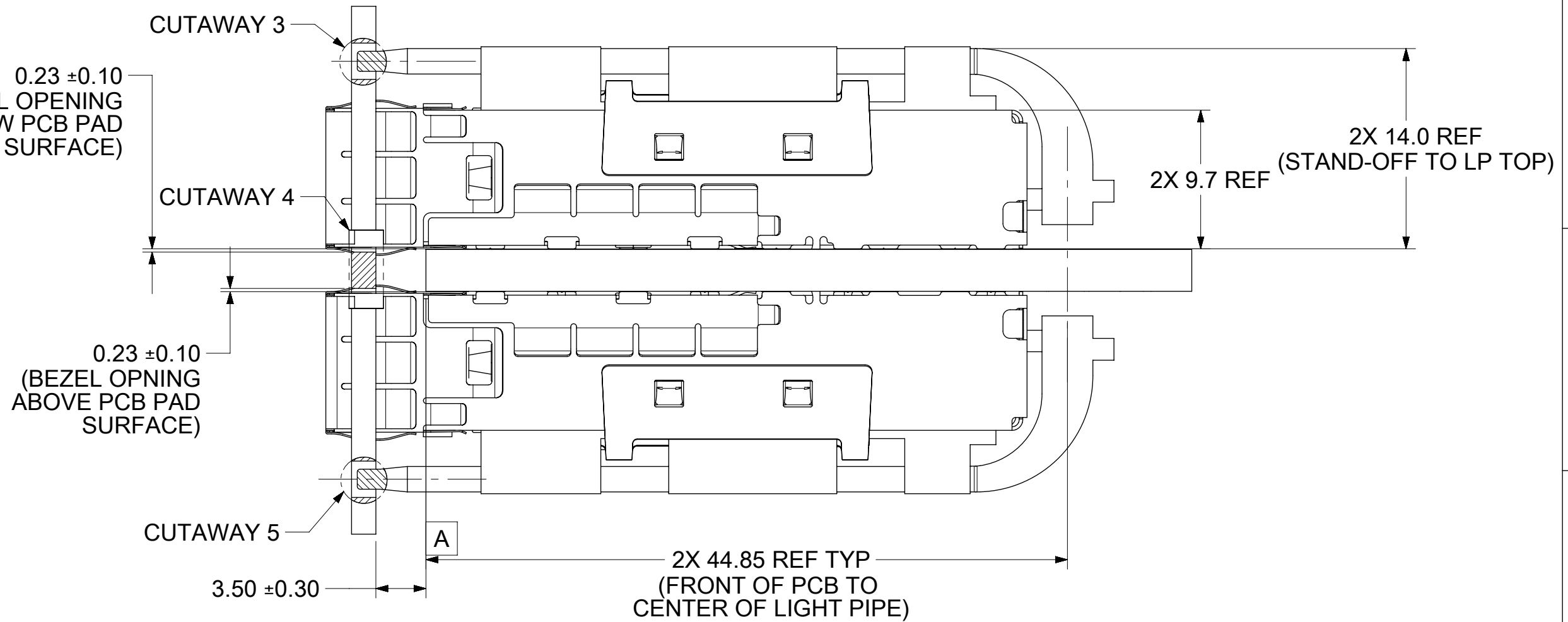
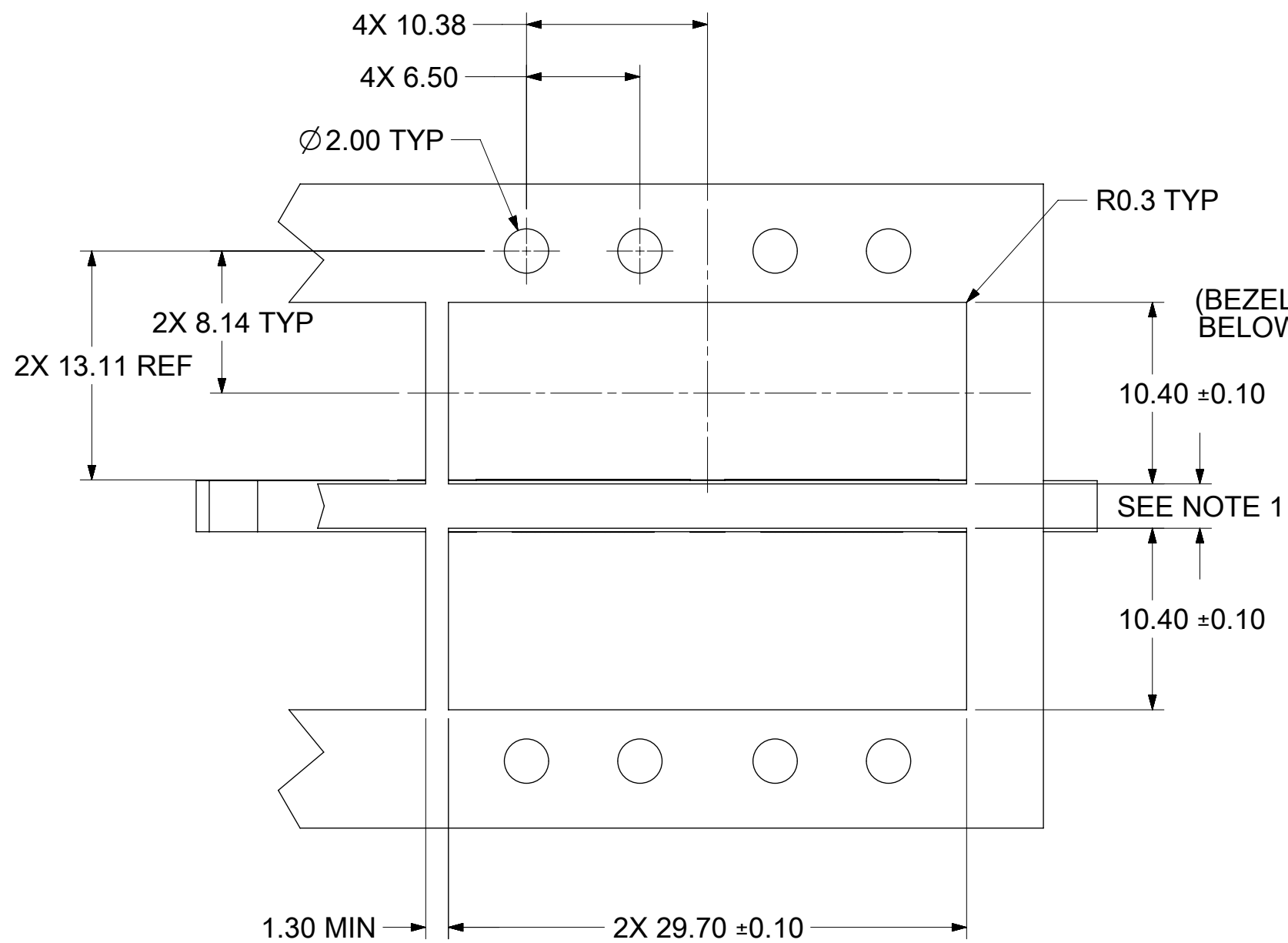
BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING

1111128283 & 1111128285

SHOWN



BEZEL AND BOARD POSITION DIMENSIONS FOR BELLY TO BELLY MOUNTING



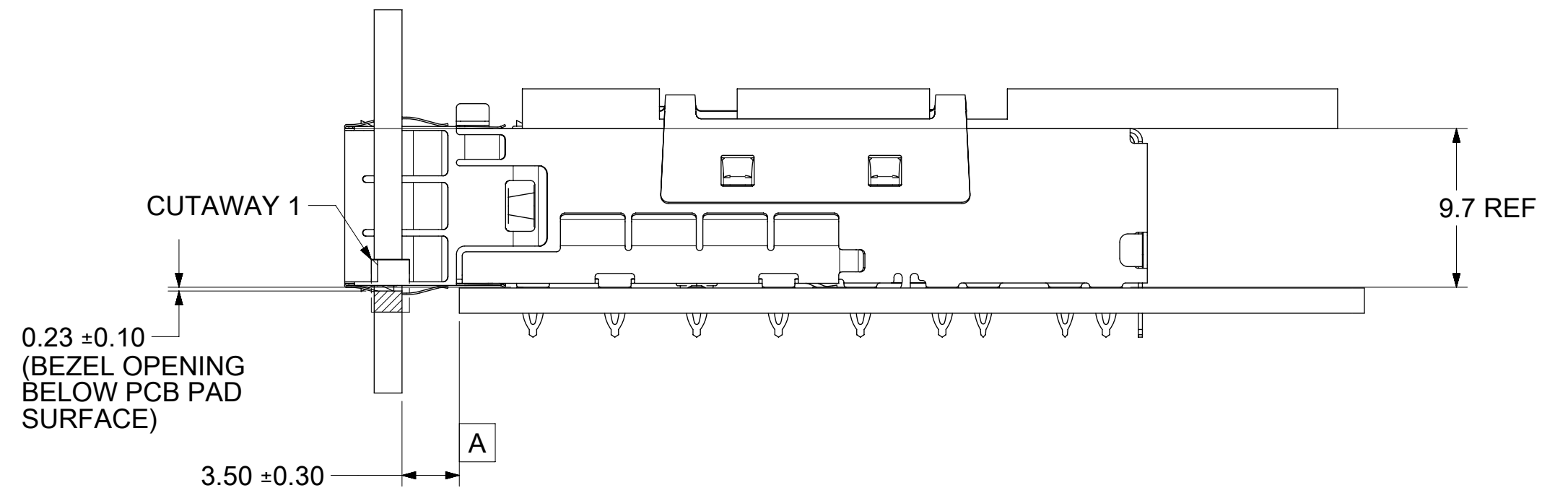
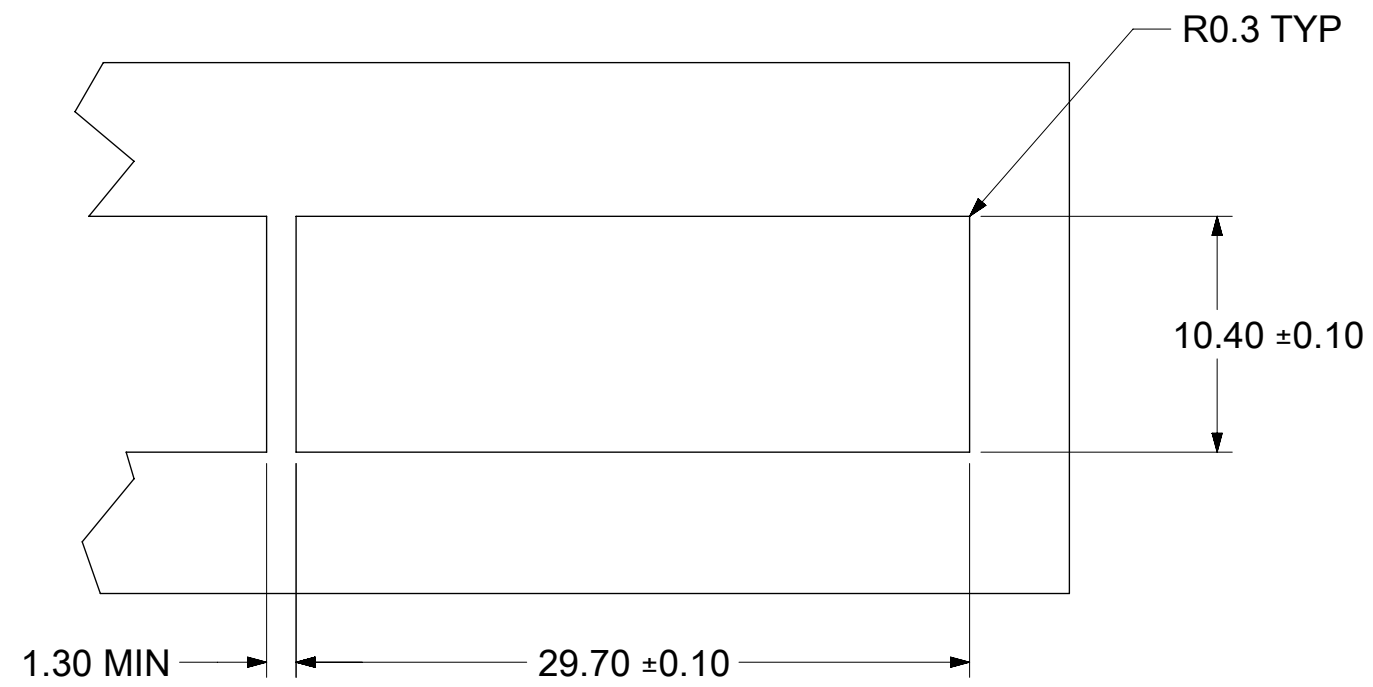
NOTE:
1.PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMINING BEZEL OPENING LOCATION.

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	3:1		
$\nabla_C = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)			
	ANGULAR TOL $\pm 2.0^\circ$			
DIVISIONAL SYMBOLS	4 PLACES	\pm	EC NO: 707262	
	3 PLACES	\pm	DRWN: ABHILT2	2022/04/12
	2 PLACES	± 0.13	CHK'D: TKUMARKC	2022/05/26
	1 PLACE	± 0.25	APPR: SCHIEN	2022/05/27
0 PLACES	\pm	INITIAL REVISION:		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES
			C-SIZE	111112
DOCUMENT STATUS		P1	RELEASE DATE	2022/05/27 10:20:27
DOCUMENT NUMBER		CUSTOMER		SHEET NUMBER
1111128283		SEE P/N TABLE		7 OF 9
DOC TYPE		DOC PART	REVISION	
PSD		ASY	A	

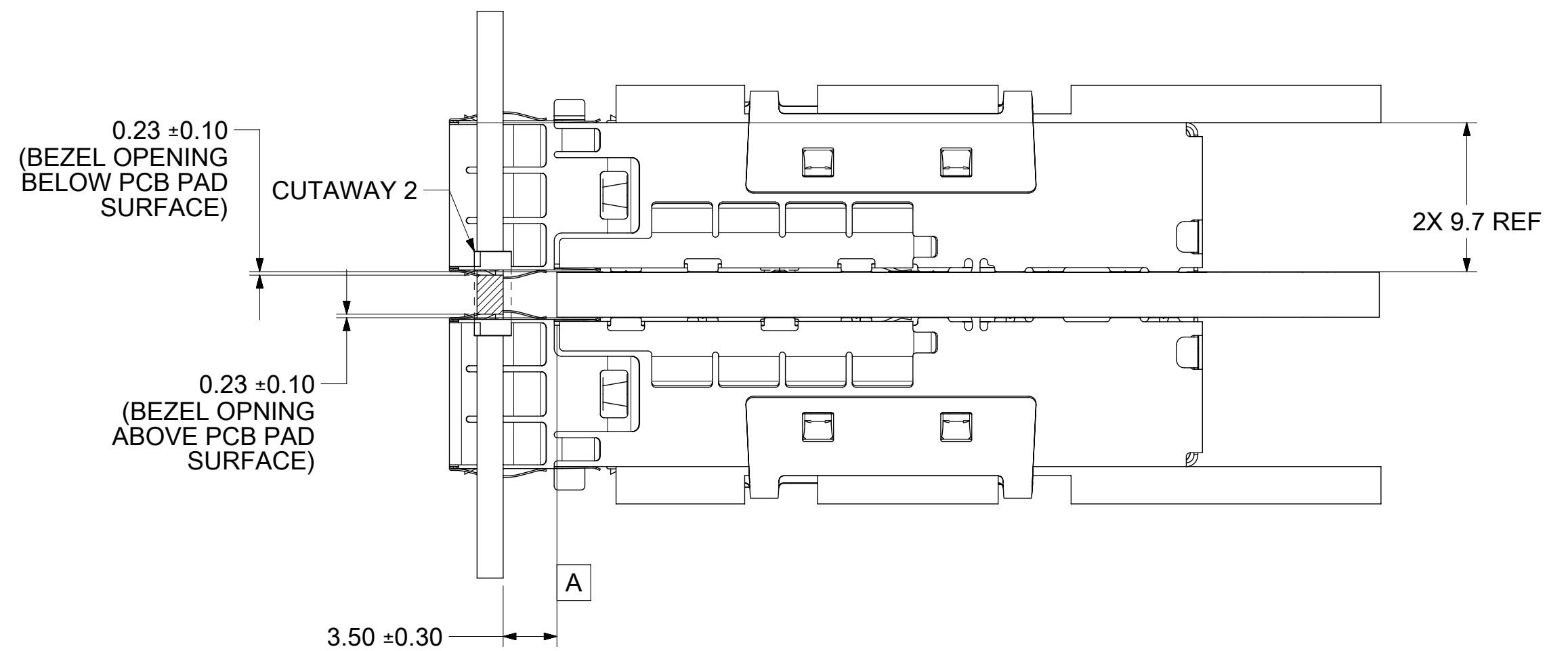
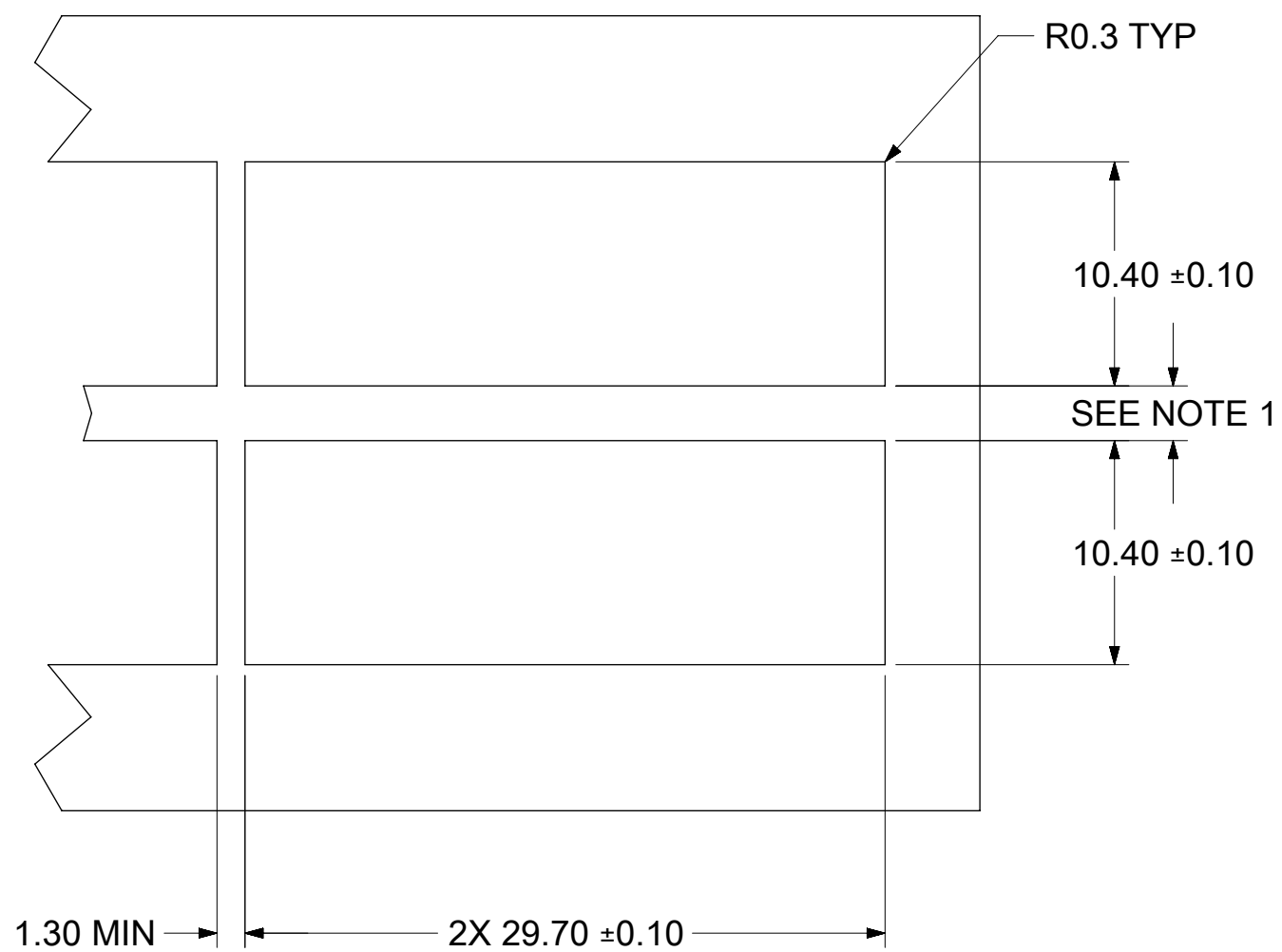
BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING

111128284

SHOWN



BEZEL AND BOARD POSITION DIMENSIONS FOR BELLY TO BELLY MOUNTING



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			
FA = 0		mm		1:1		molex SFP+ 1X2 CAGE ASSY PRESS FIT TYPE W/ SUS SF, CUSTOM HEATSINK AND DUAL LP, BELLY TO BELLY MOUNTING PRODUCT CUSTOMER DRAWING			
FC = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)							
FP = 0		ANGULAR TOL ± 2.0°							
DIVISIONAL SYMBOLS		4 PLACES ±		3 PLACES ±		EC NO: 707262		2022/04/12	
		2 PLACES ± 0.13		1 PLACE ± 0.25		DRWN: ABHILT2		2022/05/26	
		0 PLACES ±				APPR: SCHIEN		2022/05/27	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		INITIAL REVISION:		DOCUMENT NUMBER	
						DRWN: ABHILT2		111128283	
						APPR: SCHIEN		PSD ASY A	
						DRAWING		MATERIAL NUMBER	
						C-SIZE		SEE P/N TABLE	
						SERIES		CUSTOMER	
						111112		SHEET NUMBER	
								8 OF 9	

