

P/N AND WEEK/YEAR DATE CODE TO BE PRINTED ON SIDE 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	22, 23, 24 ETC.. (EXAMPLE: YEAR 2022= 22)

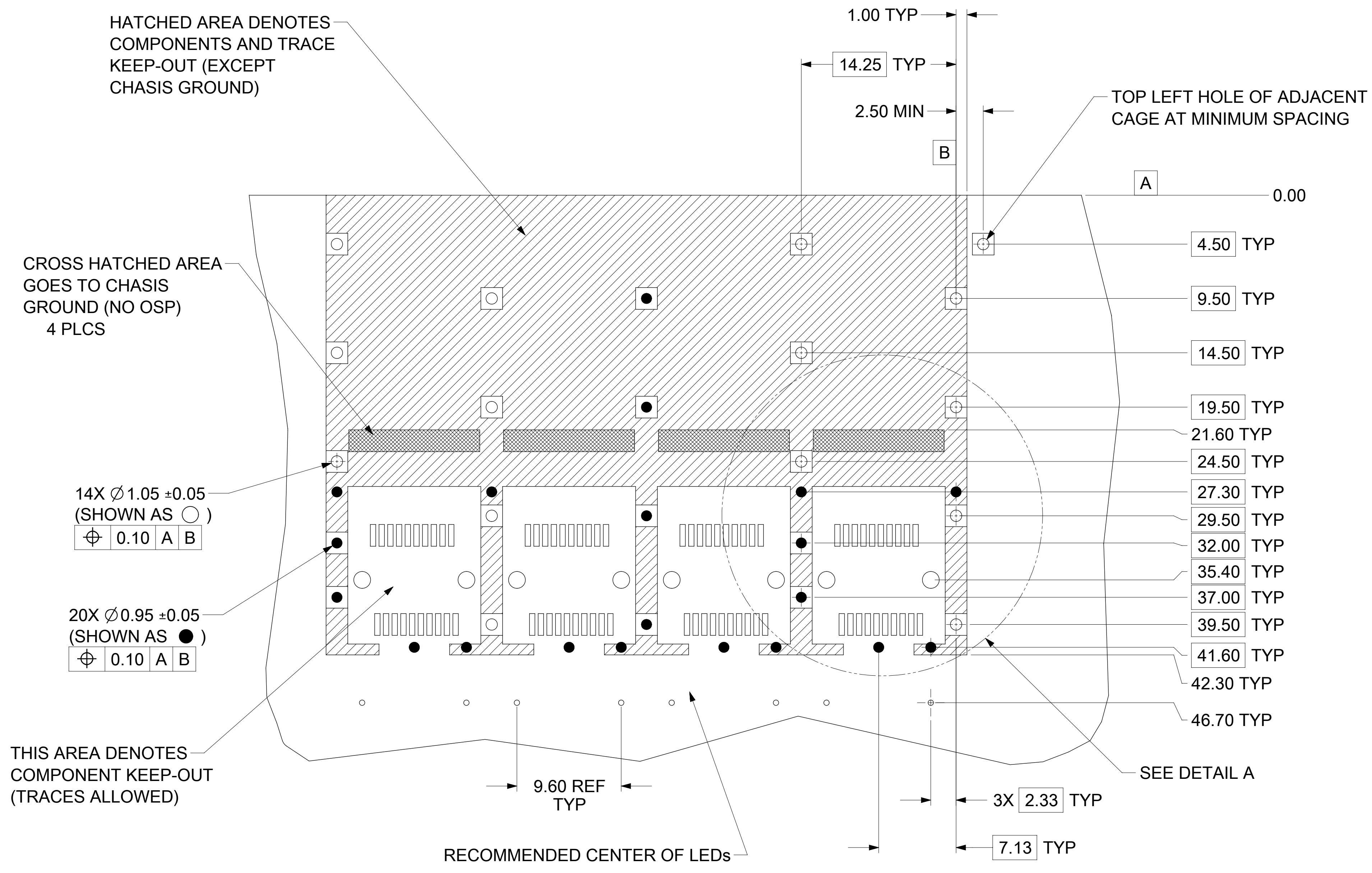
NOTES:

- MATERIAL:
CAGE: NICKEL PLATED COPPER ALLOY, THICKNESS 0.25mm.
SPRING FINGER: STAINLESS STEEL.
LIGHT PIPE COVER: NICKEL PLATED COPPER ALLOY.
LIGHT PIPE: POLYCARBONATE (94-V0 RATED)
- PORTS ARE DESIGNED FOR SFP+ TRANSCEIVERS AND ARE COMPATIBLE WITH SFP TRANSCEIVERS.
- WELD SPOTS WILL SHOW SLIGHT DISCOLORATION.
- IT IS NOT RECOMMENDED TO PRESS ON LIGHT PIPES WHEN INSTALLING CAGE.
- NO RoHS EXEMPTIONS.

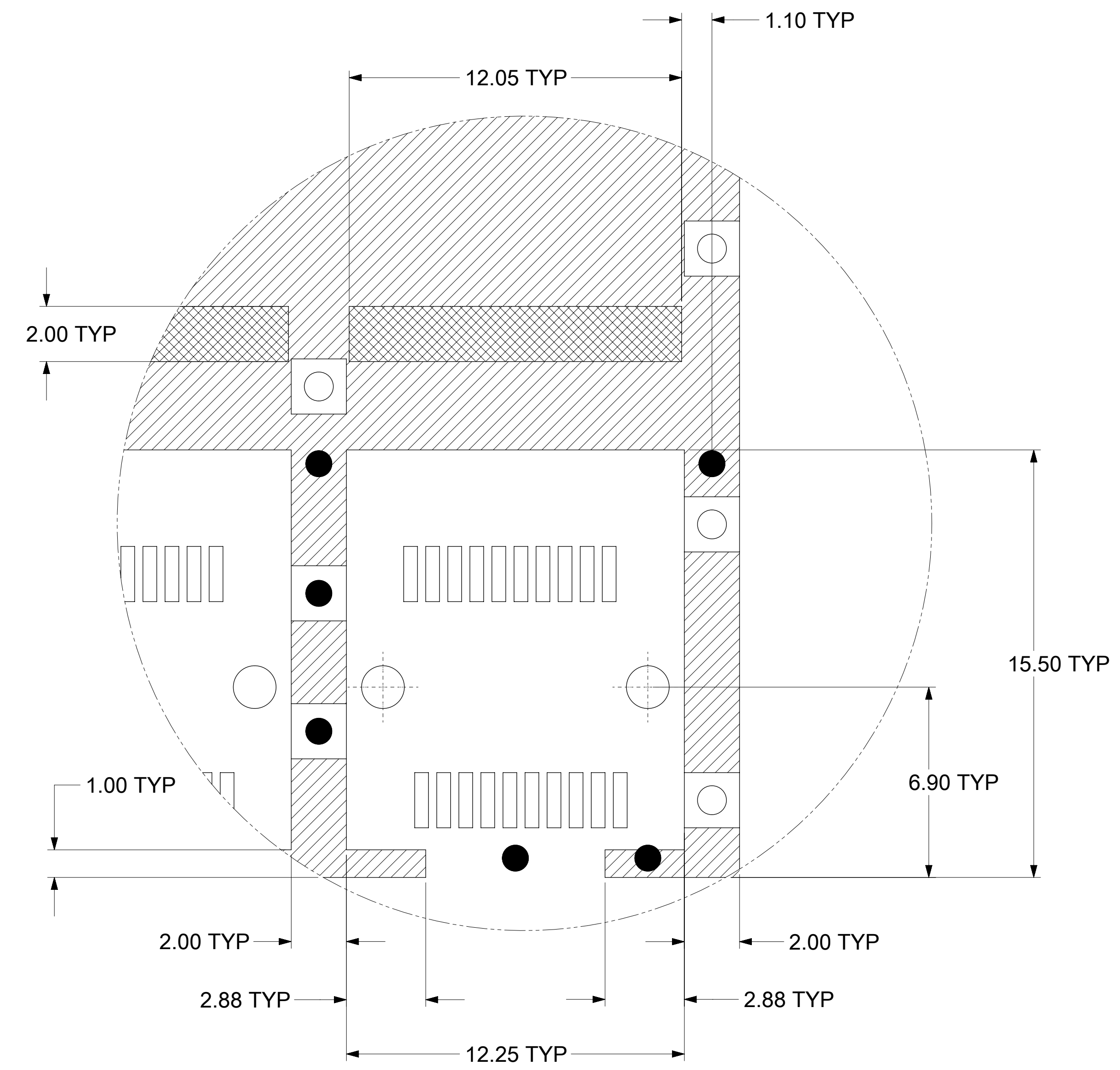
FUNCTIONAL SYMBOLS $F_A = 0$ $F_C = 0$ $F_P = 0$	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE 3:1	CURRENT REV DESC: SEE REVISION TABLE	
	DIMENSION UNITS mm	GENERAL TOLERANCES (UNLESS SPECIFIED)		
	ANGULAR TOL $\pm 1.0^\circ$			
DIVISIONAL SYMBOLS	4 PLACES \pm	EC NO: 707054		
	3 PLACES \pm	DRWN: PKH 2022/04/11		
	2 PLACES ± 0.15	CHK'D: TKUMARKC 2022/05/20		
1 PLACE ± 0.25	APPR: SCHIEN 2022/05/23			
0 PLACES \pm	INITIAL REVISION:			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES
			D-SIZE	100114
		MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		1001148430		1 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/23	11:20:23
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PCB LAYOUT FOR SINGLE SIDED MOUNTING



HOST CONNECTOR DETAILS



DETAIL A
SCALE 8:1

LAYOUT APPLIES TO EACH PORT

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. 1.57 MINIMUM PCB THICKNESS FOR SINGLE SIDED MOUNTING USE.

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			
$F_A = 0$	mm	4:1			
$F_C = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)				
	ANGULAR TOL $\pm 1.0^\circ$				
DIVISIONAL SYMBOLS	4 PLACES	\pm	EC NO: 707054		
	3 PLACES	\pm	DRWN: PKH 2022/04/11		
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	0 PLACES	\pm	INITIAL REVISION:		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	
			D-SIZE	100114	
DOCUMENT STATUS		P1	RELEASE DATE	2022/05/23 11:20:23	
			MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			1001148430		2 OF 5

molex

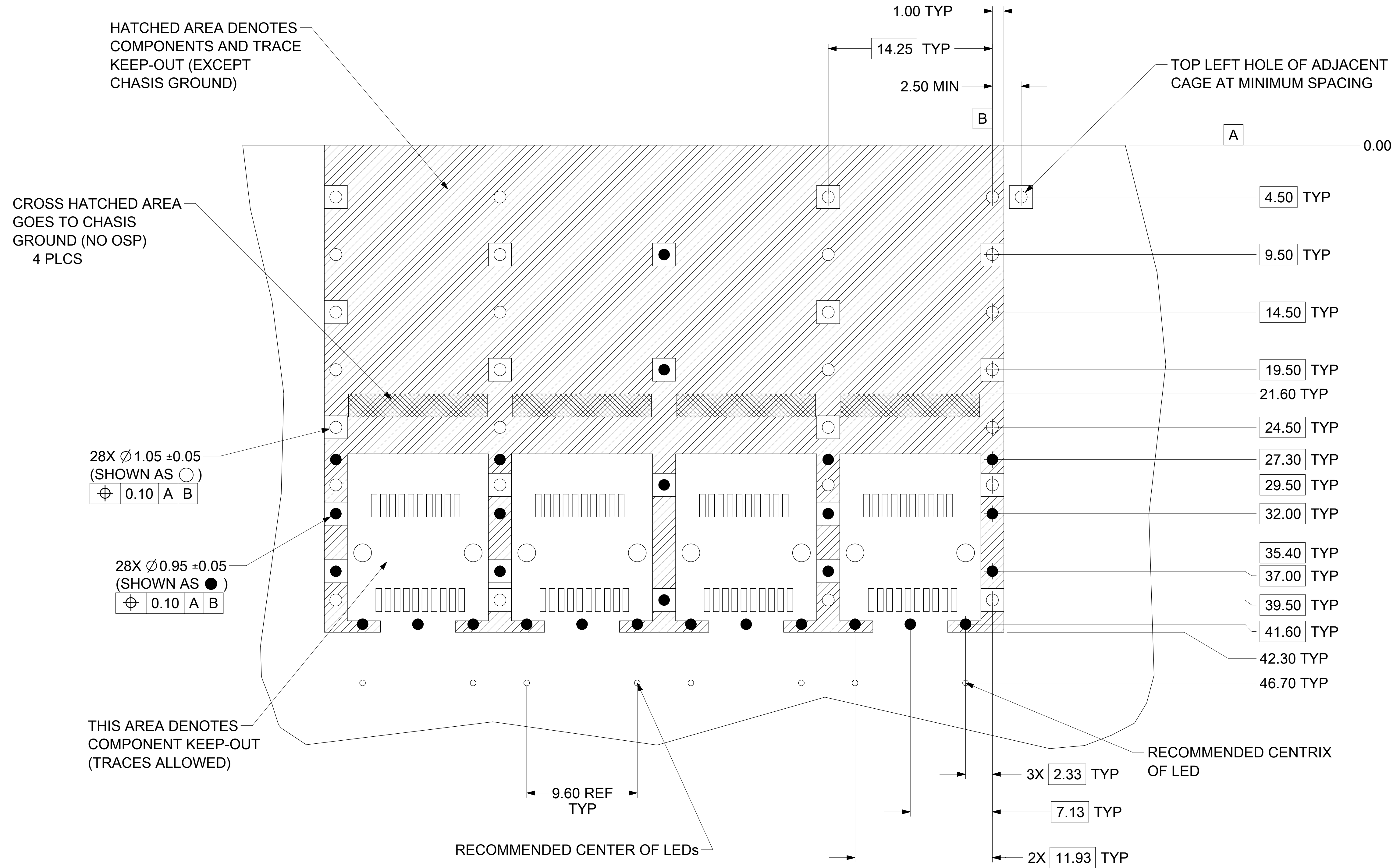
ZSFP+ GEN2 1X4 CAGE ASSY PRESS FIT TYPE, W/SUS SF,UB GASKET & LOW PROFILE LIGHT PIPE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER DOC TYPE DOC PART REVISION

1001148430 PSD ASY A

PCB LAYOUT FOR BELLY TO BELLY MOUNTING



NOTE:
SEE SHEET 2 FOR
HOST CONNECTOR DETAIL
AND LED LOCATION DETAILS

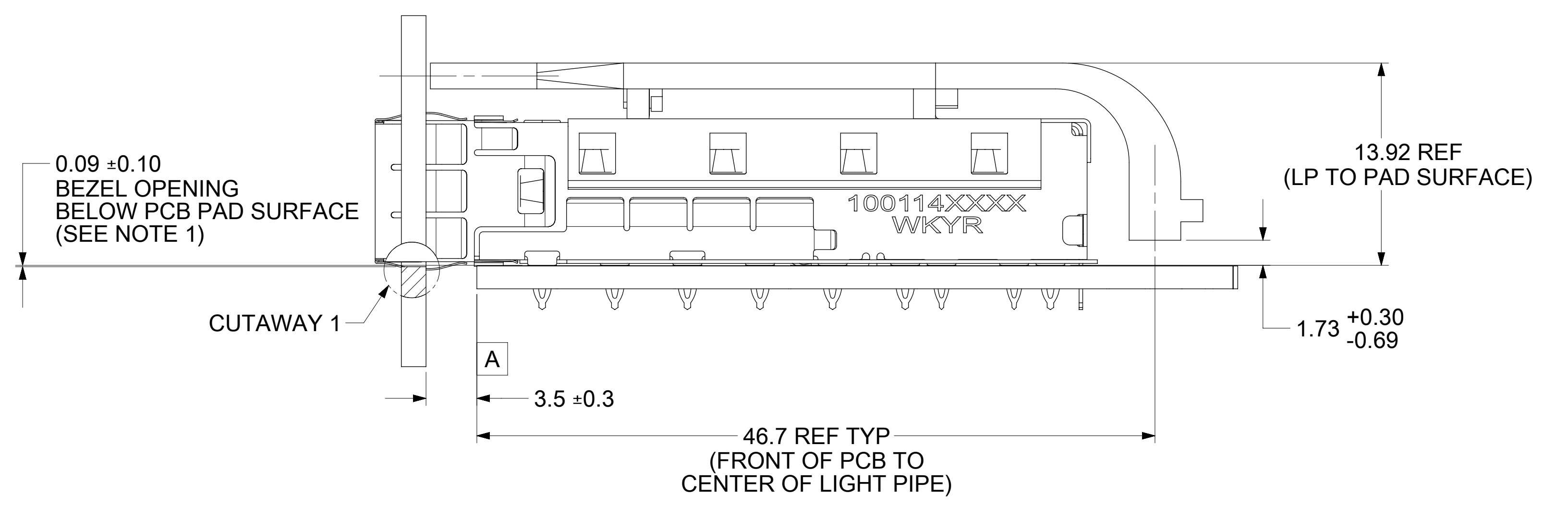
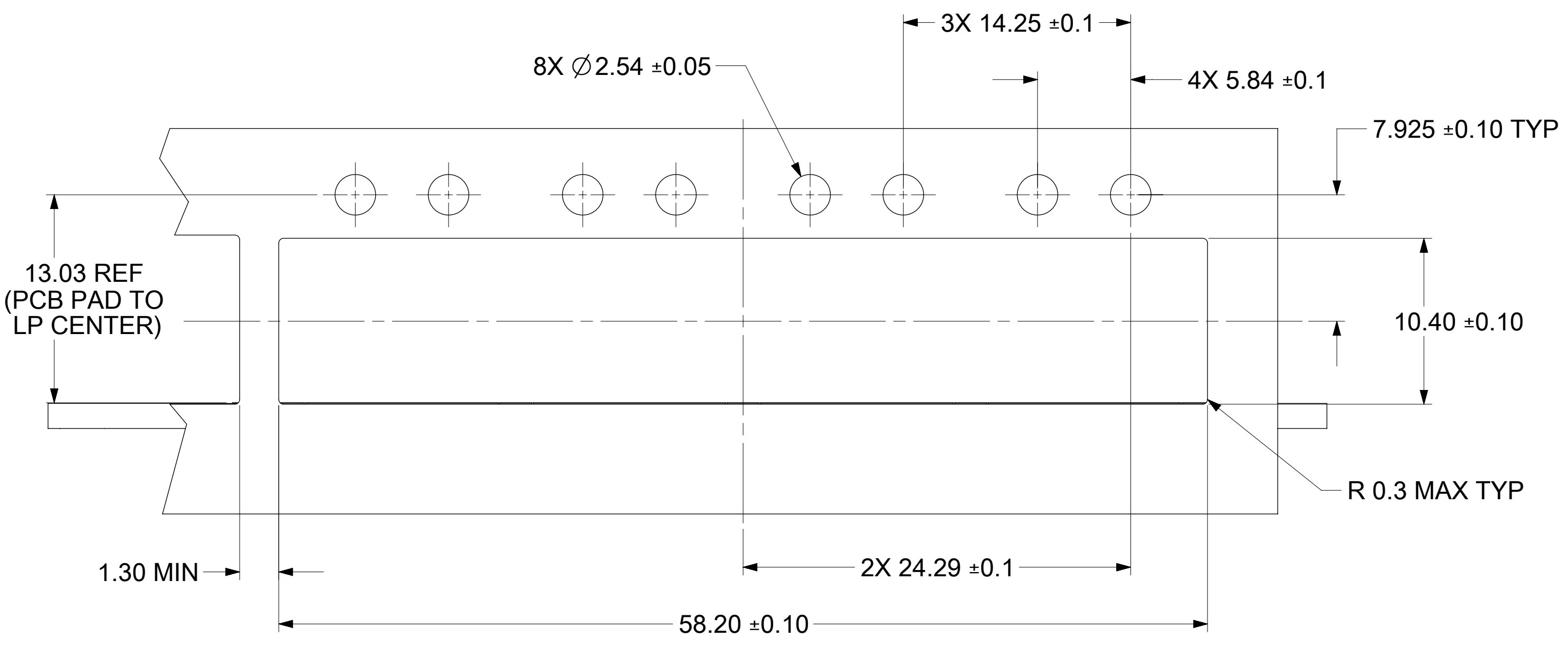
NOTES:

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. 3.00 MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE.

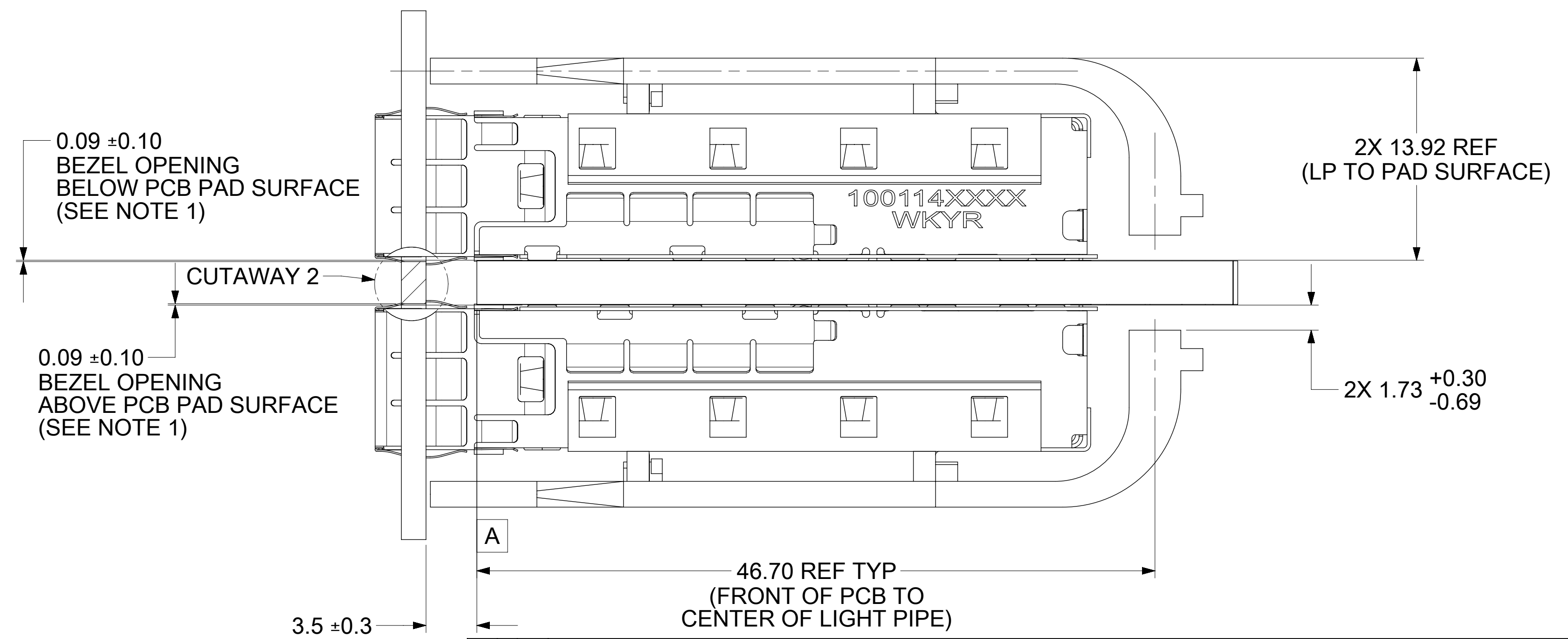
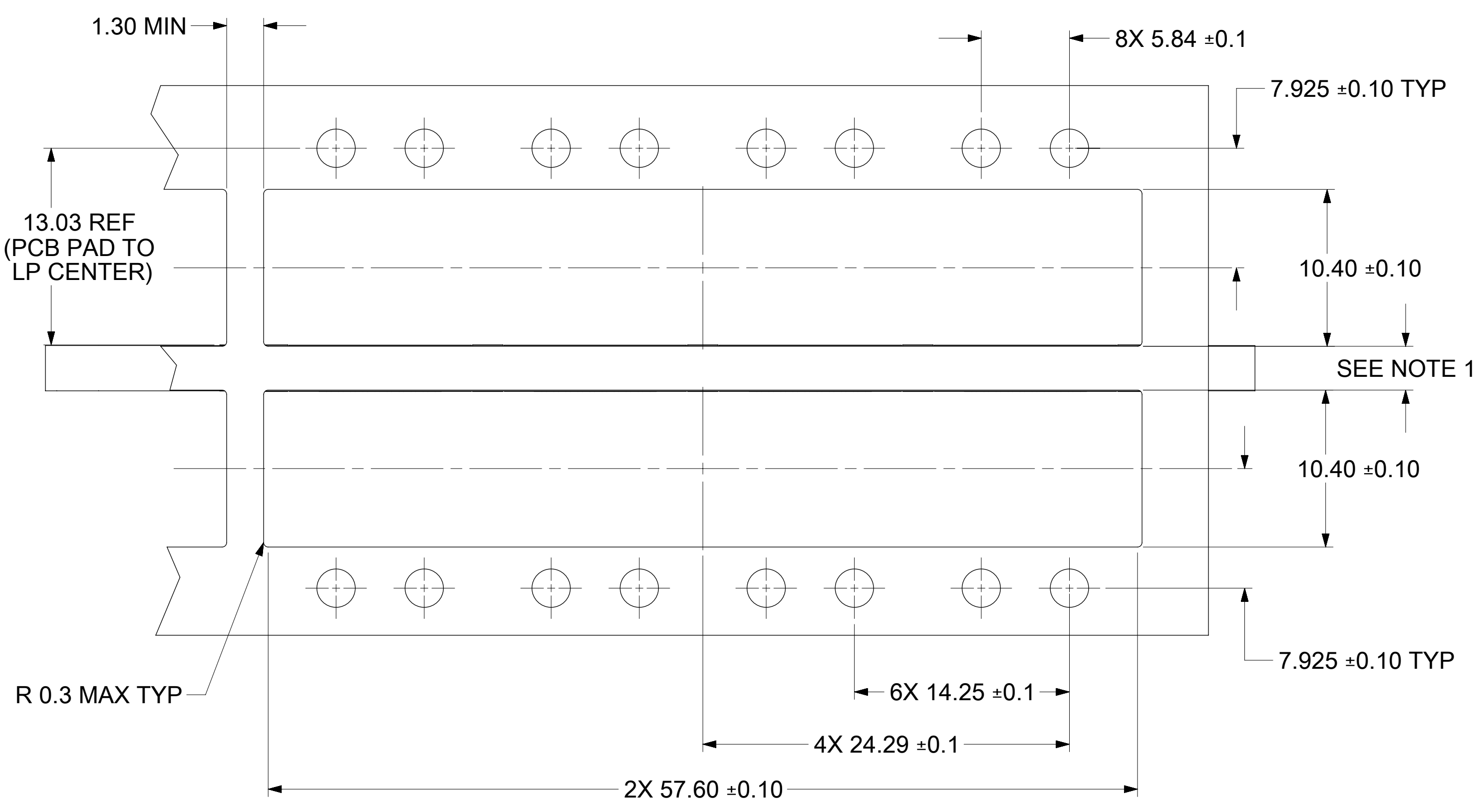
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SEE REVISION TABLE		molex
	DIMENSION UNITS	SCALE			
$F_A = 0$	mm	5:1			ZSFP+ GEN2 1X4 CAGE ASSY PRESS FIT TYPE, W/SUS SF,UB GASKET & LOW PROFILE LIGHT PIPE
$F_C = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)				
$F_D = 0$	ANGULAR TOL $\pm 1.0^\circ$				PRODUCT CUSTOMER DRAWING
DIVISIONAL SYMBOLS	4 PLACES	\pm	EC NO: 707054		
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	0 PLACES	\pm	INITIAL REVISION:		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: PKH 2022/04/11		DOCUMENT NUMBER 1001148430
	THIRD ANGLE PROJECTION		APPR: SCHIEN 2022/05/23		
			DRAWING	SERIES	DOC TYPE DOC PART REVISION
			D-SIZE	100114	PSD ASY A
					MATERIAL NUMBER CUSTOMER SHEET NUMBER
					1001148430 3 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/23	11:20:23
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BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING



BEZEL AND BOARD POSITION DIMENSIONS FOR BELLY TO BELLY MOUNTING



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

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FUNCTIONAL SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC: SEE REVISION TABLE								
$\nabla_A = 0$	mm	4:1	molex ZSFP+ GEN2 1X4 CAGE ASSY PRESS FIT TYPE, W/SUS SF,UB GASKET & LOW PROFILE LIGHT PIPE PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 1001148430 DOC TYPE: PSD ASY A SHEET NUMBER: 4 OF 5								
$\nabla_C = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)										
$\nabla_D = 0$	ANGULAR TOL $\pm 1.0^\circ$										
DIVISIONAL SYMBOLS	4 PLACES \pm										
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				D-SIZE	100114	1001148430					

