

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)

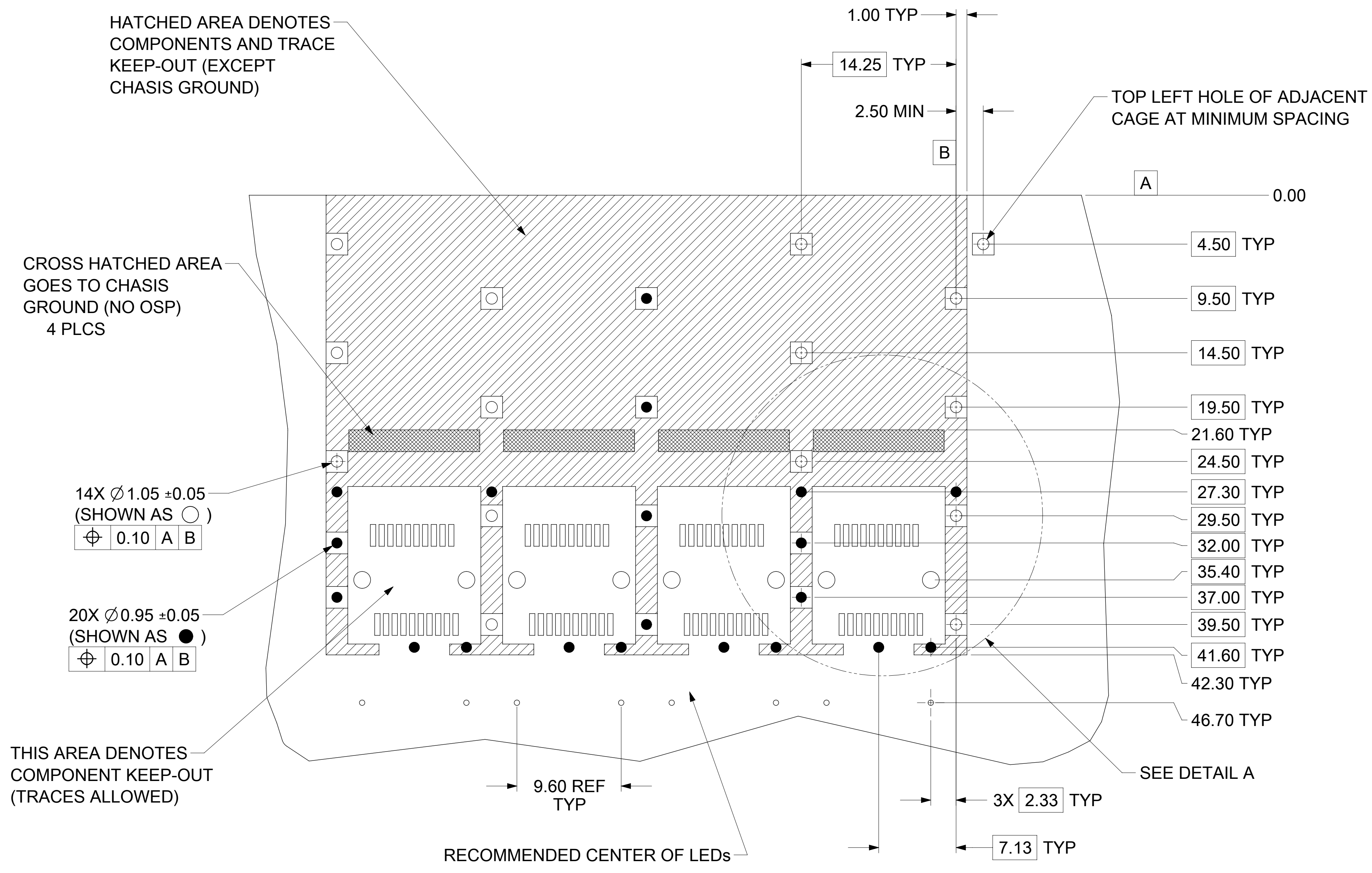
NOTES:

- 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.

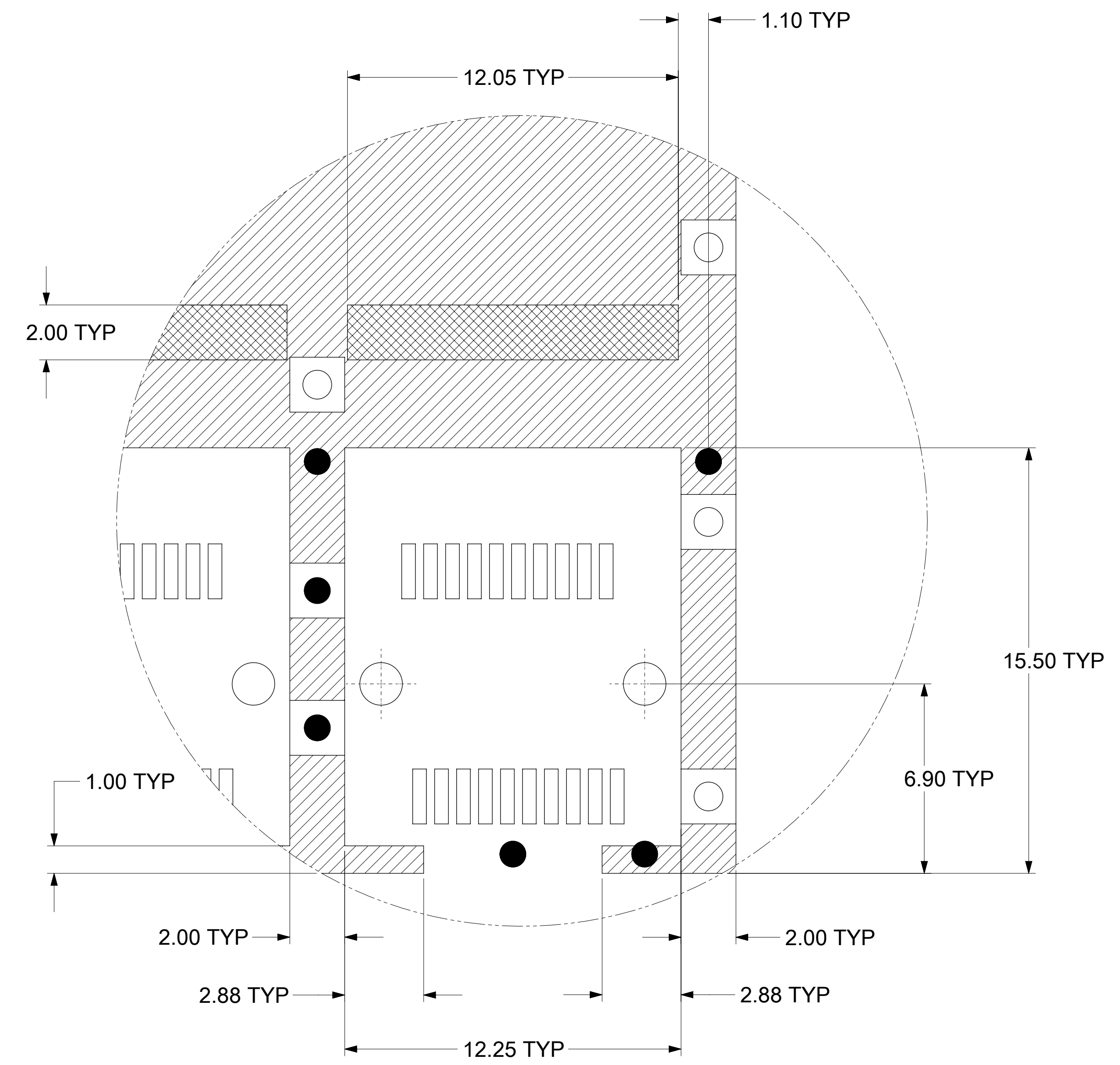
FUNCTIONAL SYMBOLS $F_A = 0$ $F_C = 0$ $F_D = 0$	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE	CURRENT REV DESC: SEE REVISION TABLE	
	DIMENSION UNITS	3:1		
	GENERAL TOLERANCES (UNLESS SPECIFIED)			
DIVISIONAL SYMBOLS	ANGULAR TOL	$\pm 1.0^\circ$		
	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:	
			DRWN: PKH 2022/04/11	
			APPR: SCHIEN 2022/05/23	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
		D-SIZE	100114	1001148430
		CUSTOMER	SHEET NUMBER	
			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

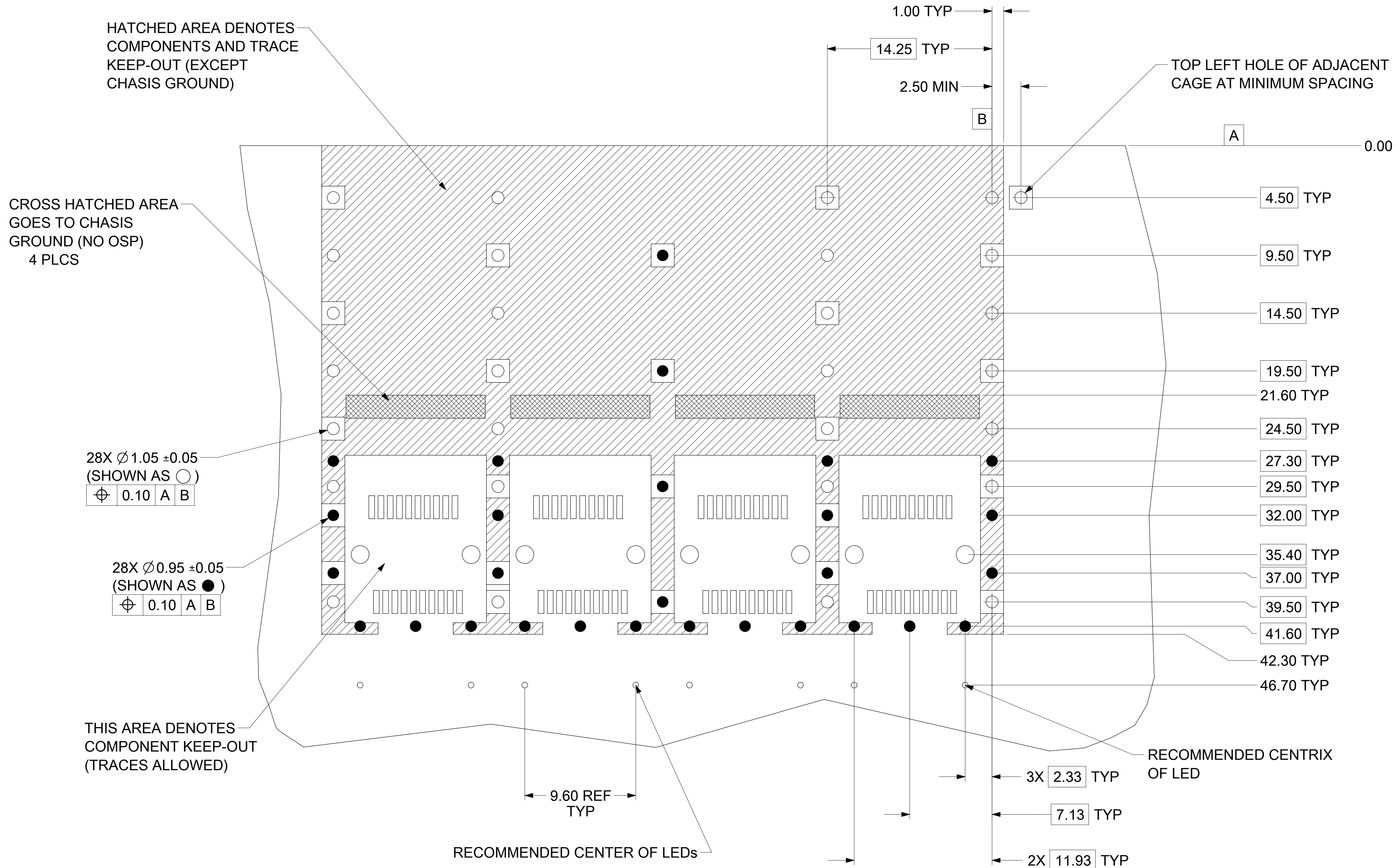
LAYOUT APPLIES TO EACH PORT

NOTES:

- PADS AND VIAS CONNECT TO CHASSIS GROUND (RECOMMEND PADS TO BE 2.00mm SQUARE)
- RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
- CONNECTOR PAD LAYOUT PER SFP+ MSA WILL ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.
- HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.
- 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				
	FA = 0	mm	SCALE	4:1			
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 707054		ZSFP+ GEN2 1X4 CAGE ASSY PRESS FIT TYPE, W/SUS SF,UB GASKET & LOW PROFILE LIGHT PIPE		
	FC = 0	ANGULAR TOL $\pm 1.0^\circ$	DRWN: PKH 2022/04/11				
DIVISIONAL SYMBOLS	FP = 0	4 PLACES \pm	CHK'D: TKUMARKC 2022/05/20		PRODUCT CUSTOMER DRAWING		
		3 PLACES \pm	APPR: SCHIEN 2022/05/23				
		2 PLACES ± 0.15	INITIAL REVISION:		DOCUMENT NUMBER		
		1 PLACE ± 0.25	DRWN: PKH 2022/04/11				
	0 PLACES \pm	APPR: SCHIEN 2022/05/23		1001148430			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			D-SIZE	100114	1001148430		2 OF 5

PCB LAYOUT FOR BELLY TO BELLY MOUNTING



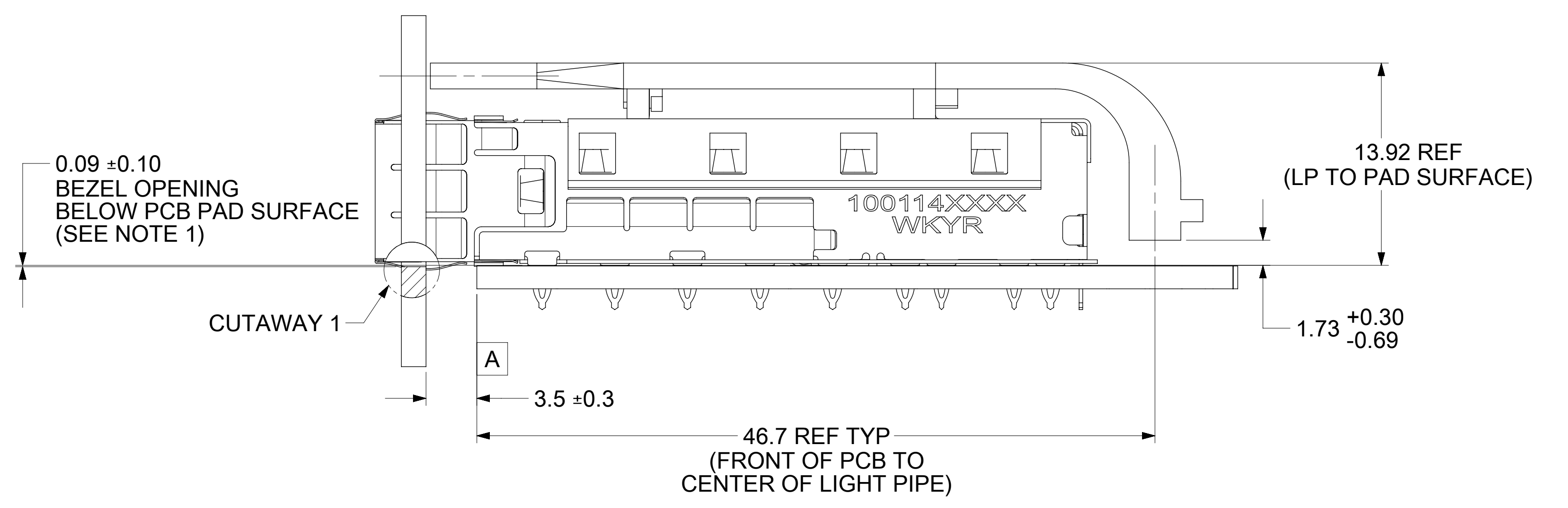
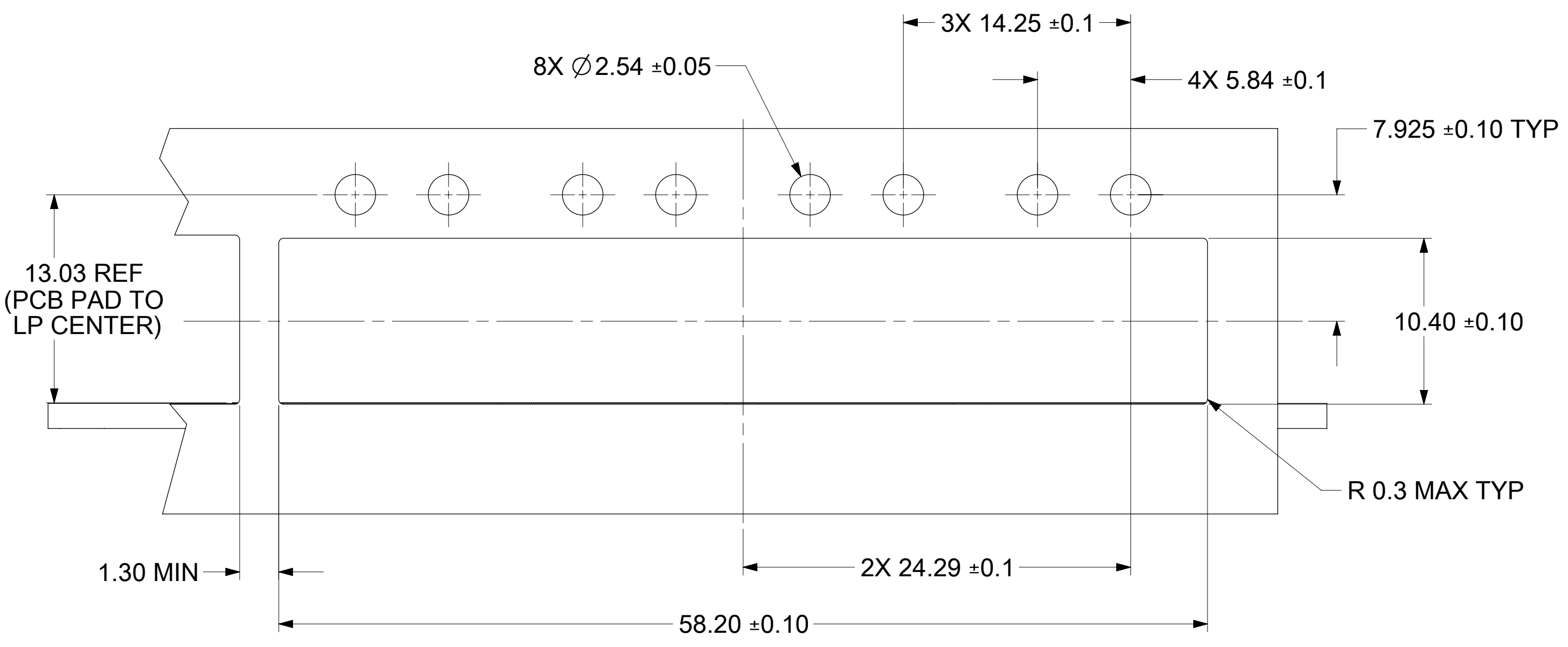
NOTE:
SEE SHEET 2 FOR
HOST CONNECTOR DETAIL
AND LED LOCATION DETAILS

NOTES:

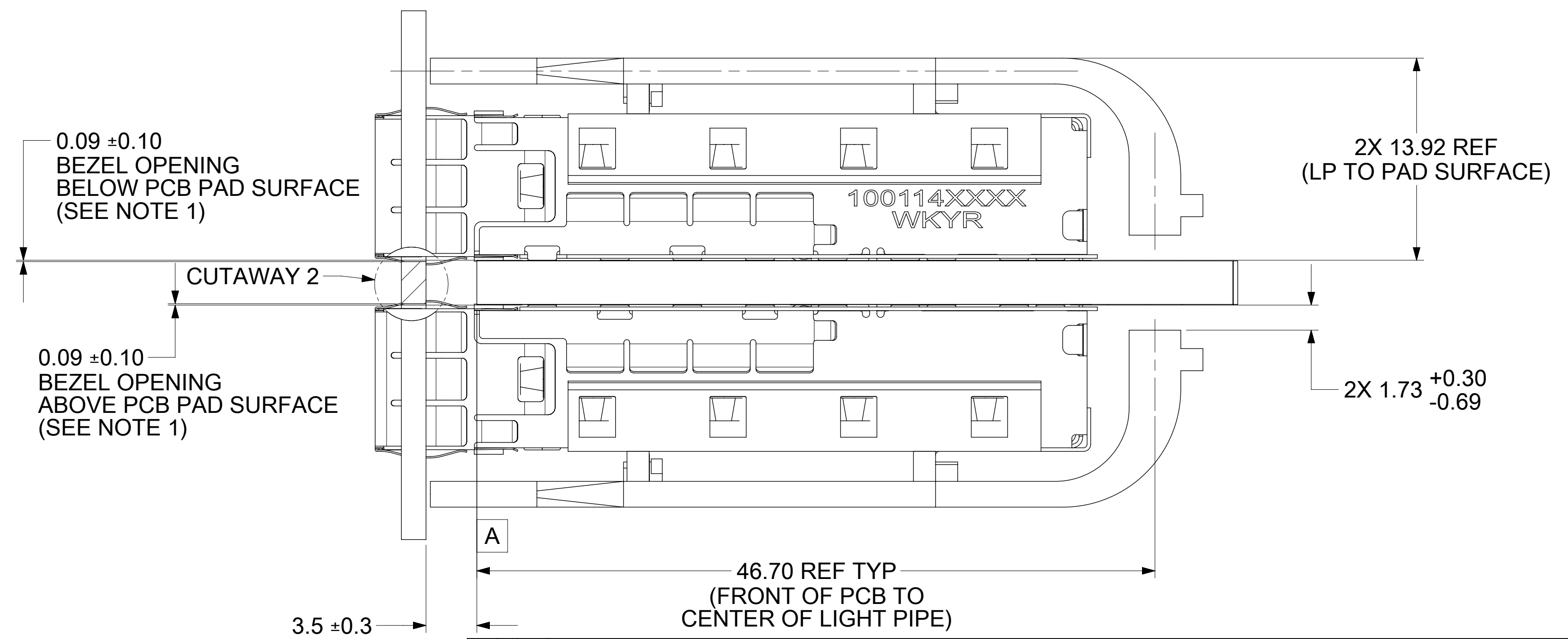
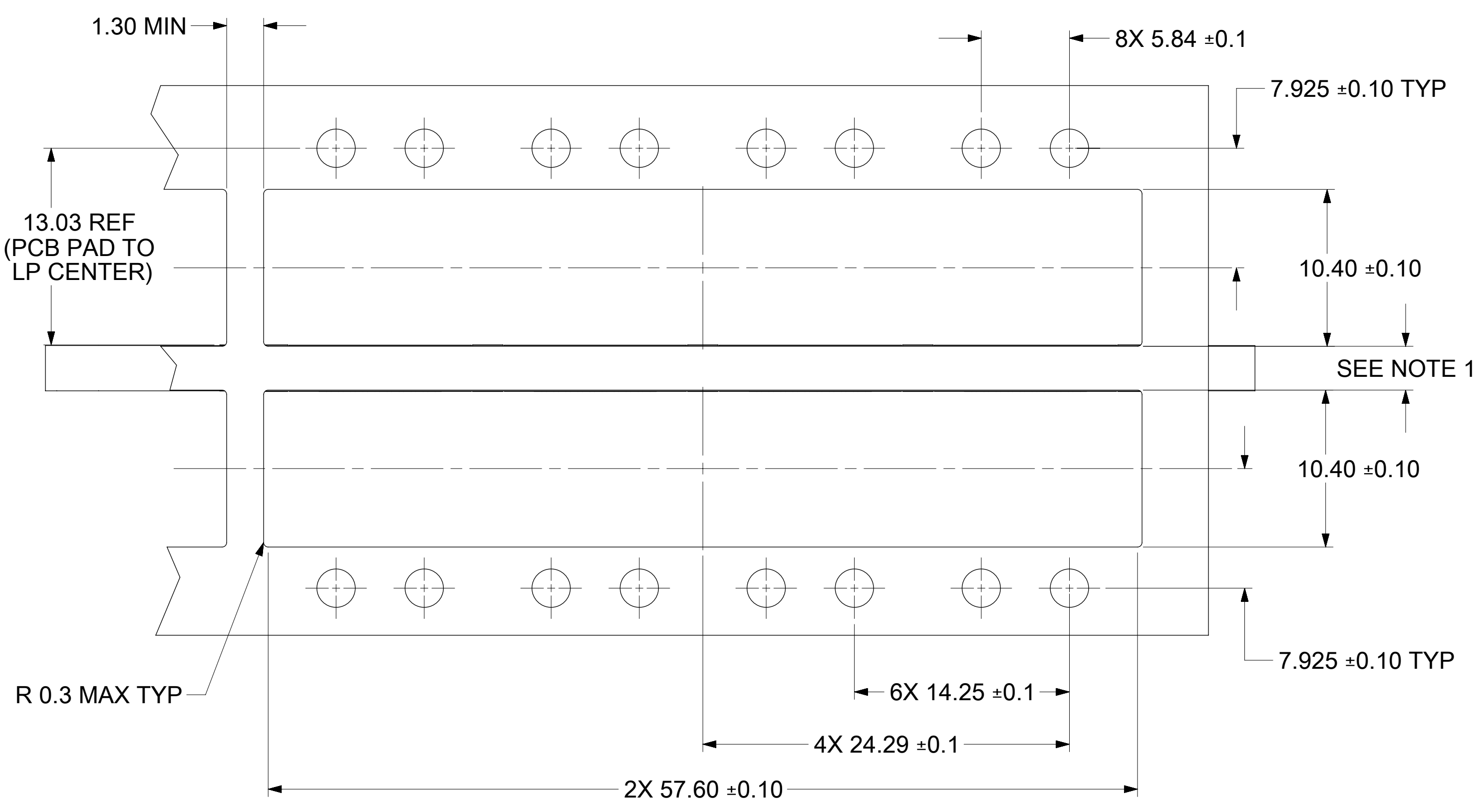
1. PADS AND VIAS CONNECT TO CHASSIS GROUND (RECOMMEND PADS TO BE 2.00mm SQUARE)
2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
3. CONNECTOR PAD LAYOUT PER SFP+ MSA WILL ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.
4. HOLE PATTERN REPEATS FOR EACH 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		
	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		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

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

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	4:1	EC NO: 707054 DRWN: PKH 2022/04/11 CHK'D: TKUMARKC 2022/05/20 APPR: SCHIEN 2022/05/23 INITIAL REVISION: DRWN: PKH 2022/04/11 APPR: SCHIEN 2022/05/23								
$\nabla_C = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)										
$\nabla_D = 0$	ANGULAR TOL $\pm 1.0^\circ$										
	4 PLACES	\pm									
DIVISIONAL SYMBOLS	3 PLACES	\pm	PRODUCT CUSTOMER DRAWING								
	2 PLACES	± 0.15	DOCUMENT NUMBER								
	1 PLACE	± 0.25	1001148430								
	0 PLACES	\pm	DOC TYPE DOC PART REVISION								
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION			DRAWING			SERIES		
			D-SIZE			100114			MATERIAL NUMBER		
						1001148430			CUSTOMER		
									SHEET NUMBER		
									4 OF 5		

