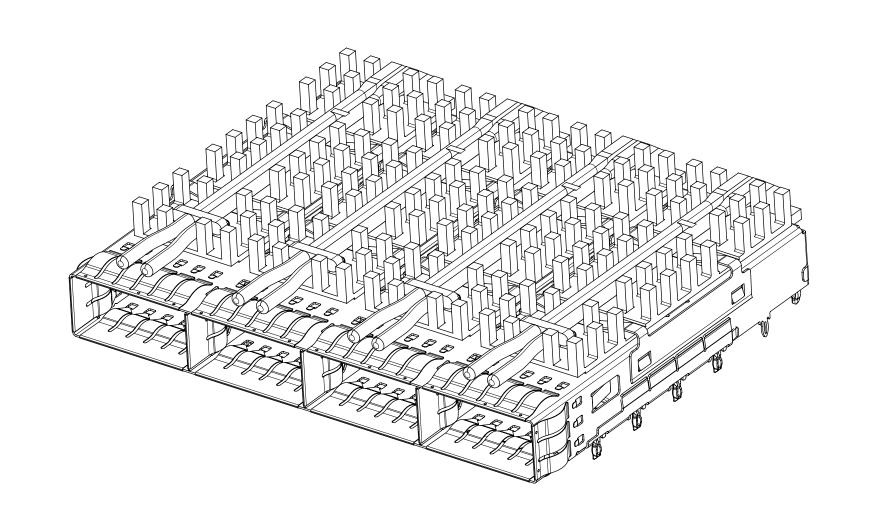


## HEATSINK AND LIGHT PIPE COMBINATIONS

HEATSINK USED	SINGLE / DUAL LIGHT PIPE	QUAD LIGHT PIPE	2 ROW QUAD LIGHT PIPE
WITHOUT LIGHTPIPE			
	HEATSINK	HEATSINK ON ON	HEATSINK

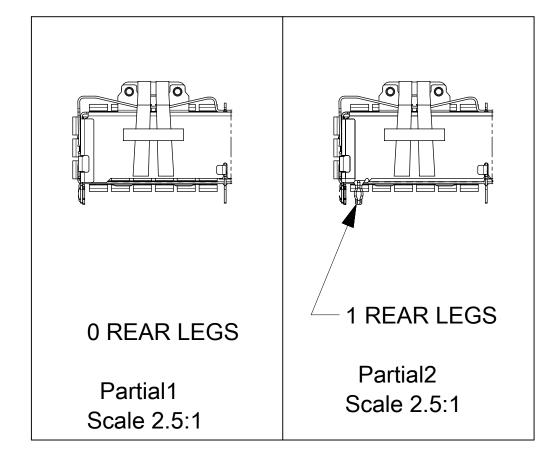


OVERALL HEAT SINK HEIGHT	DIM "A"
PCI	13.7 REF
SAN	16.0 REF
NFT	23.0 RFF

HEIGHT OF HEAT SINK WITH MODULE INSERTED.

DIMENSION MAY BE LESS DUE TO MODULE AND HEAT SINK VARIATIONS

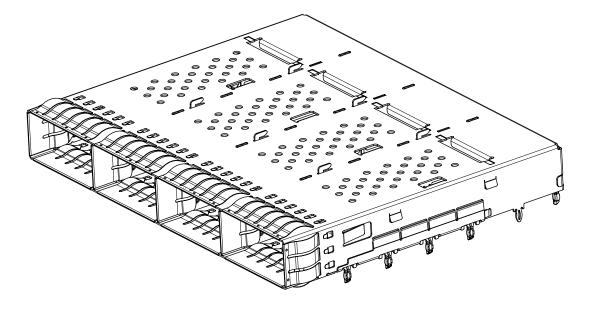
## REAR LEG OPTIONS



THIS DRAWING C	ONTAINS INF	ORMATION THA	T IS PROPRIE	 ETARY TO MOLEX	ELECTRONIC TEC	CHNOLOGIES, LLC AND SHO	OULD NOT BE USED WIT	HOUT WR	ITTEN PEF	RMISSION	1 C
DIMENSION UNITS	SCALE	CURRENT RI	EV DESC: S	SEE REVISION TA	ABLE						1
mm	2:1						nole	X			
GENERAL TOL	LERANCES				ļ						-
(UNLESS SF	PECIFIED)					ZOSEP+	1X4 GANGED CA	GE AS	SY'S		
ANGULAR TOL	± 1.0 °	   EC NO: 698	8865			•	YPE SPRING FIN			/P	
4 PLACES	±		RISHH1		2022/02/17		OPTIONS				
3 PLACES	±	CHK'D: TK	KUMARKC		2022/03/10						- 6
2 PLACES	± 0.13	APPR: JCI	HIANG		2022/03/21	PRODU	ICT CUSTOMER	DRAW	ING		
		INITIAL RE	EVISION:			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	Ī
1 PLACE	± 0.25	DRWN: KR	≀ISHH1		2022/02/17	100017	72200	DCD	A CV	Λ	
0 PLACES	±	APPR: JCI	CHIANG		2022/03/21		3200	PSD	ASY	Α	
DRAFT WHERE A	APPLICABLE	THIRD ANGLE P	PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	'	SHEET	NUMBER	1
MUST REI WITHIN DIME		-		D-SIZE	100017	SEE P/N TABLE	GENERAL MAI	RKET	2 C	)F 8	4

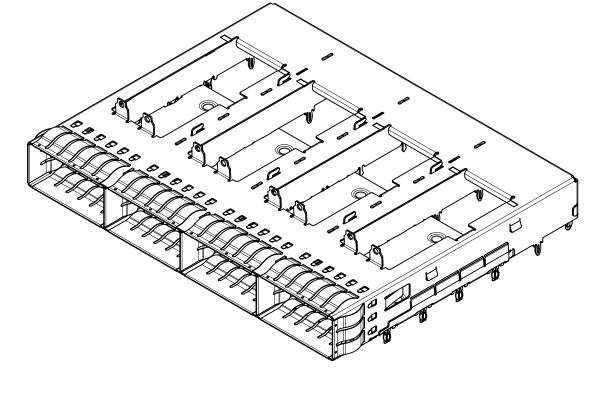
# PART NUMBER SELECTION

NO HEATSINKS NO LIGHT PIPES CLOSED TOP



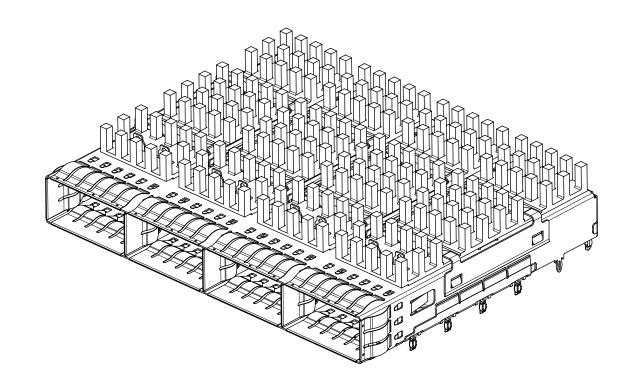
MOLEX P/N	#OF REAR LEGS
W/ SPRING FINGERS	PER PORT
1000173242	1

NO HEATSINKS NO LIGHT PIPES OPEN TOP



MOLEX P/N	#OF REAR LEGS
W/ SPRING FINGERS	PER PORT
1000173252	1

WITH HEATSINKS NO LIGHT PIPES

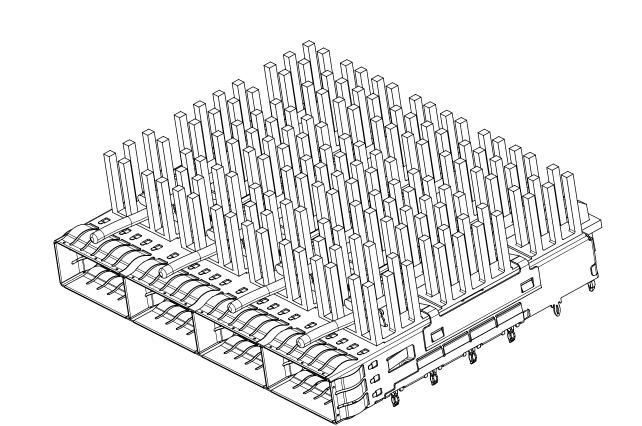


MOLEX P/N	HEATSINKS	#OF REAR LEGS PER PORT
1000173343	PCI	1
1000173344	SAN	1

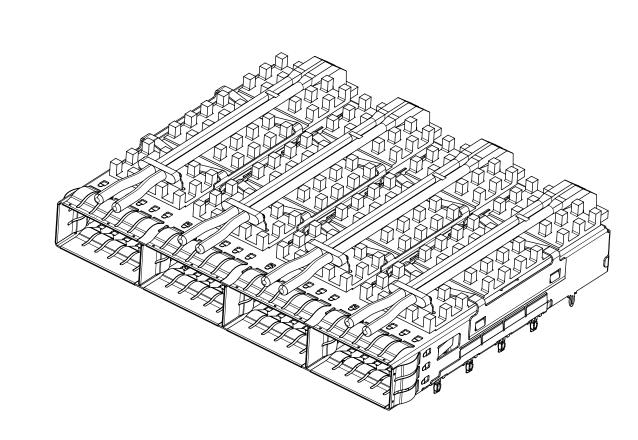
## WITH HEATSINKS AND LIGHT PIPES

MOLEX P/N	LIGHTPIPES	HEATSINKS	#OF REAR LEGS				
WOLLXTIA		112/11011110	PER PORT				
1000173443	DUAL	PCI	0				
1000173446	QUAD	PCI	0				
1000173542	SINGLE	NET	1				
1000173544	DUAL	SAN	1				
1000173547	QUAD	SAN	1				
1000173548	QUAD	NET	1				

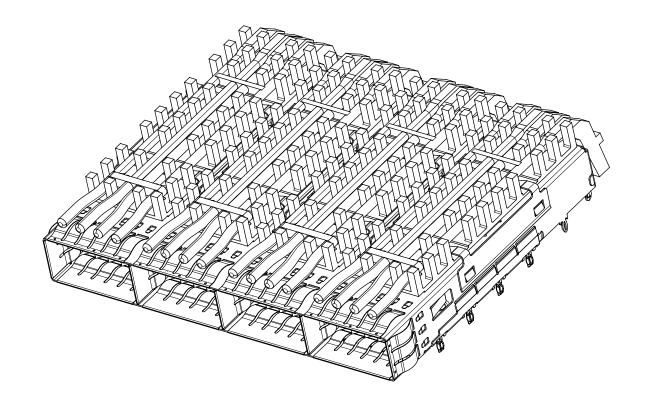
SINGLE LIGHT PIPE



**DUAL LIGHT PIPE** 

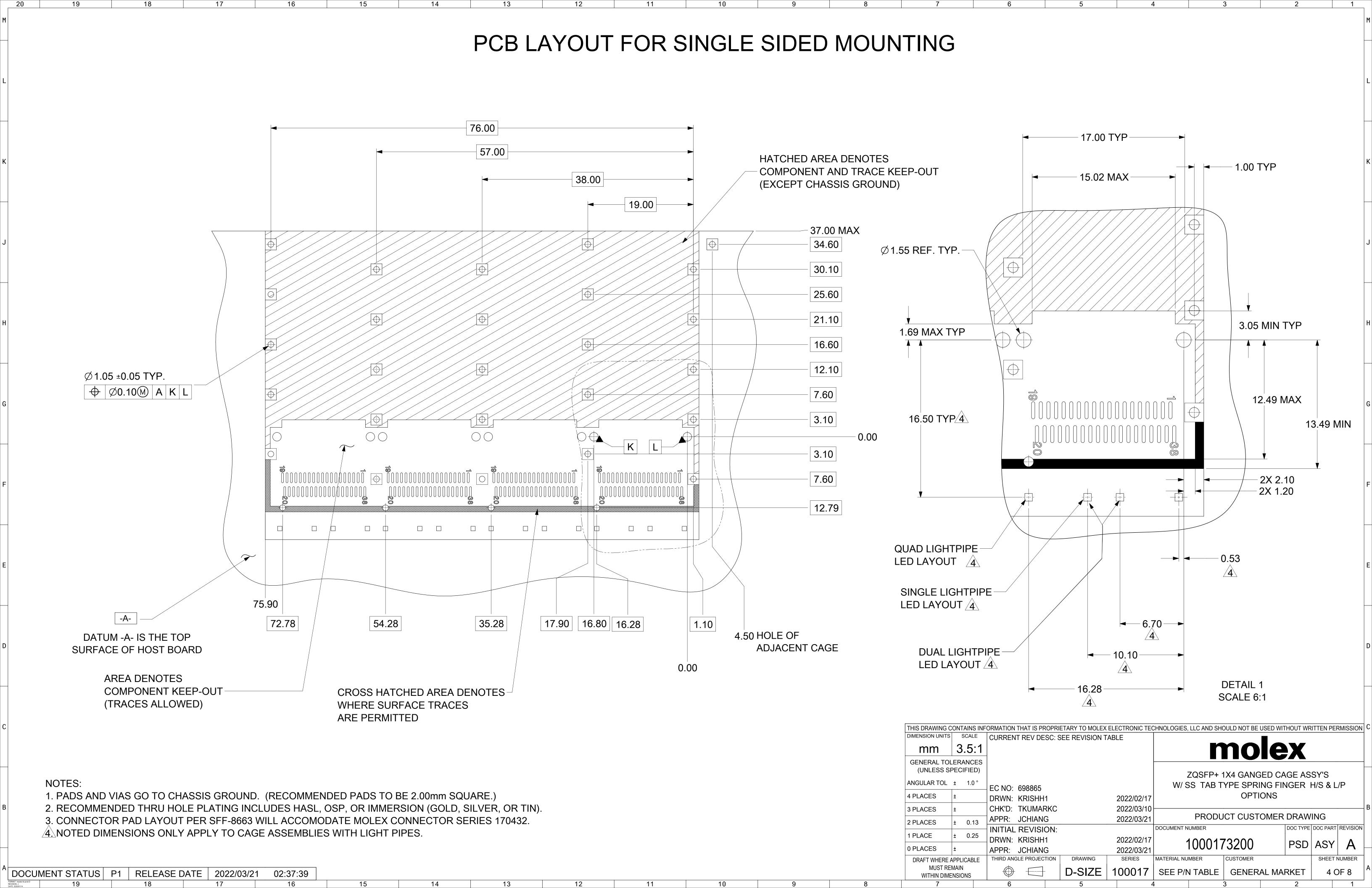


QUAD LIGHT PIPE



THIS DRAWING	CONTAINS II	NFORMATION THAT IS PI	ROPRIETARY TO MC	DLEX ELE	CTRONIC TEC	CHNOLOGIES.	LLC AND SH	OULD NOT BE	USED WIT	THOUT WR	ITTEN PE	 RMISSI
DIMENSION UNIT		CURRENT REV DE				-,						
mm	1.5:						n	no	le	X		
GENERAL TO	LERANCES	3										
(UNLESS S	SPECIFIED)					_	ZQSFP+	1X4 GANG	SED CA	AGE AS	SY'S	
ANGULAR TOL	± 1.0 °	EC NO: 698865				W/S	S TAB T	YPE SPR	ING FIN	NGER I	H/S & L	_/P
4 PLACES	±	DRWN: KRISHH	11	2	2022/02/17			OPTI	ONS			
3 PLACES	±	CHK'D: TKUMA	RKC	2	2022/03/10							-
2 PLACES	± 0.13	APPR: JCHIAN	G	2	2022/03/21		PRODU	JCT CUST	OMER	DRAW	ING	
		INITIAL REVISI	ON:	·		DOCUMENT N	UMBER			DOC TYPE	DOC PART	REVIS
1 PLACE	± 0.25	DRWN: KRISHH	11	2	2022/02/17		100017	72200		PSD	ASY	Λ
0 PLACES	±	APPR: JCHIAN	G	2	2022/03/21			3200		1200	AST	A
DRAFT WHERE	APPLICABLE	THIRD ANGLE PROJEC	TION DRAWING	i	SERIES	MATERIAL NU	MBER	CUSTOMER		•	SHEET	NUMBE
MUST R WITHIN DIM			D-SIZ	E   10	00017	SEE P/N	N TABLE	GENER	AL MA	RKET	3 0	OF 8
7		6	5			1		3		2		

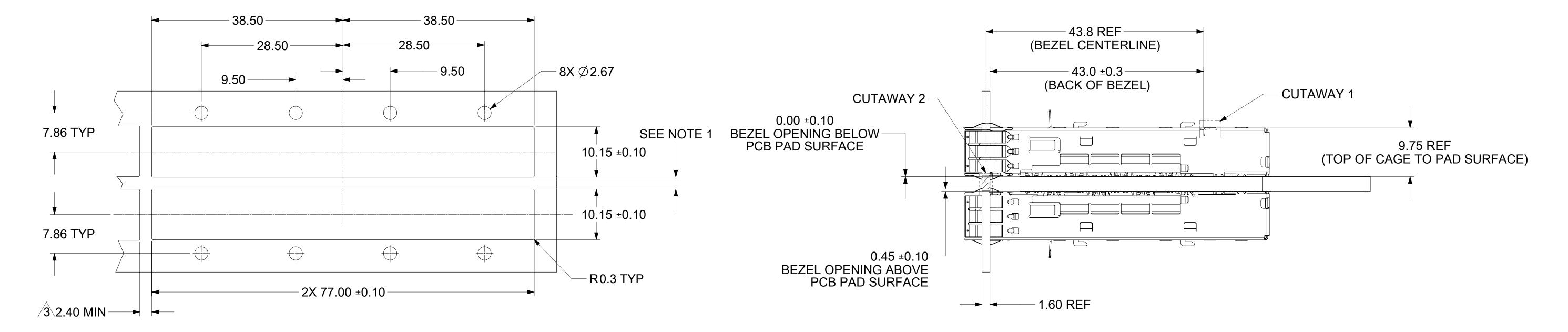
DOCUMENT STATUS P1 RELEASE DATE 2022/03/21 02:37:3



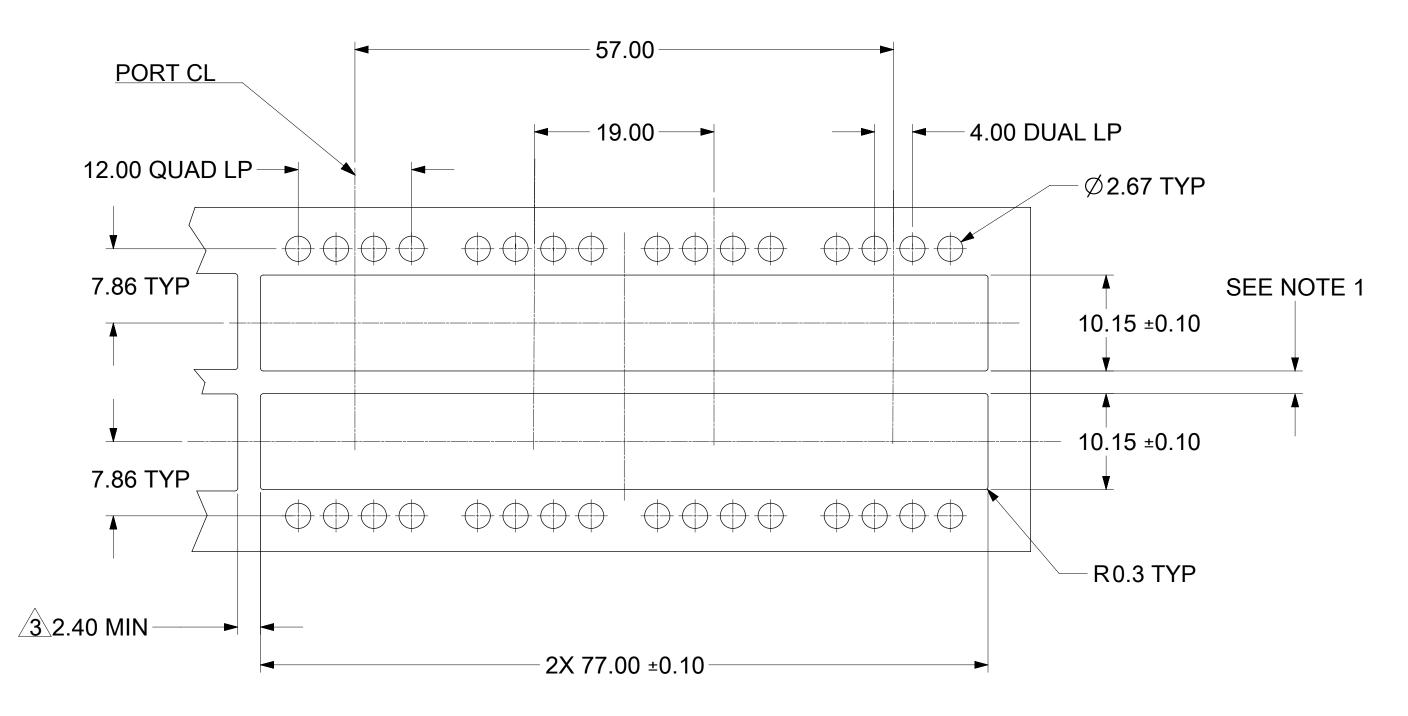
#### PCB LAYOUT FOR BELLY TO BELLY MOUNTING 76.00 57.00 38.00 HATCHED AREA DENOTES COMPONENT AND TRACE KEEP-OUT 19.00 (EXCEPT CHASSIS GROUND) 37.00 MAX 34.60 NOTE: -A-30.10 SEE SHEET 4 FOR HOST CONNECTOR DETAIL DATUM -A- IS THE TOP AND SINGLE ROW LED SURFACE OF HOST BOARD 25.60 LOCATION DETAIL 21.10 SEE SHEET 6 FOR DUAL-QUAD LED LOCATION DETAIL Ø 1.05 ±0.05 TYP 16.60 12.10 7.60 AREA DENOTES COMPONENT KEEP-OUT 3.10 (TRACES ALLOWED) 0.00 3.10 7.60 CROSS HATCHED AREA DENOTES WHERE SURFACE TRACES 12.79 ARE PERMITTED HOLES FOR OPTIONAL 16.80 **REAR LEGS** 75.90 72.78 57.52 54.28 38.52 35.28 | 19.52 | 17.90 16.28 1.02 1.10 4.50 HOLE OF ADJACENT CAGE FOR CAGE ASSEMBLIES WITH LIGHT PIPES 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 mm **GENERAL TOLERANCES** (UNLESS SPECIFIED) ZQSFP+ 1X4 GANGED CAGE ASSY'S ANGULAR TOL ± 1.0 ° W/ SS TAB TYPE SPRING FINGER H/S & L/P EC NO: 698865 **OPTIONS** 4 PLACES 2022/02/17 DRWN: KRISHH1 CHK'D: TKUMARKC 2022/03/10 NOTES: 3 PLACES PRODUCT CUSTOMER DRAWING APPR: JCHIANG 2022/03/21 1. PADS AND VIAS GO TO CHASSIS GROUND. (RECOMMENDED PADS TO BE 2.00mm SQUARE.) 2 PLACES INITIAL REVISION: DOC TYPE DOC PART REVISION 2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN). 1 PLACE DRWN: KRISHH1 2022/02/17 1000173200 PSD ASY A 3. CONNECTOR PAD LAYOUT PER SFF-8663 WILL ACCOMODATE MOLEX CONNECTOR SERRIES 170432. 2022/03/21 0 PLACES APPR: JCHIANG THIRD ANGLE PROJECTION CUSTOMER SHEET NUMBER DRAFT WHERE APPLICABLE 100017 SEE P/N TABLE | GENERAL MARKET 5 OF 8 DOCUMENT STATUS P1 RELEASE DATE | 2022/03/21 02:37:39



## SINGLE LIGHT PIPE 2



### DUAL LIGHT PIPE AND QUAD LIGHT PIPE 2



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

DOCUMENT STATUS | P1 |

NOTED DIMENSIONS ONLY APPLY TO CAGE ASSEMBLIES WITH LIGHT PIPES.

THIS DIMENSION IS FOR REFERENCE ONLY. USER CAN MODIFY IT DEPENDS ON APPLICATION. (THIS DIMENSION VARIES BASED ON DISTANCE OF "HOLE OF ADIACENT CAGE" ON PCB LAYOUT.)

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 molex mm 2.5:1 **GENERAL TOLERANCES** (UNLESS SPECIFIED) ZQSFP+ 1X4 GANGED CAGE ASSY'S ANGULAR TOL ± 1.0 ° W/ SS TAB TYPE SPRING FINGER H/S & L/P EC NO: 698865 OPTIONS 4 PLACES 2022/02/17 DRWN: KRISHH1 CHK'D: TKUMARKC 2022/03/10 3 PLACES PRODUCT CUSTOMER DRAWING APPR: JCHIANG 2022/03/21 2 PLACES INITIAL REVISION: DOC TYPE DOC PART REVISION 1 PLACE DRWN: KRISHH1 2022/02/17 1000173200 PSD ASY A 0 PLACES 2022/03/21 APPR: JCHIANG THIRD ANGLE PROJECTION CUSTOMER DRAFT WHERE APPLICABLE 100017 | SEE P/N TABLE | GENERAL MARKET 6 OF 8

