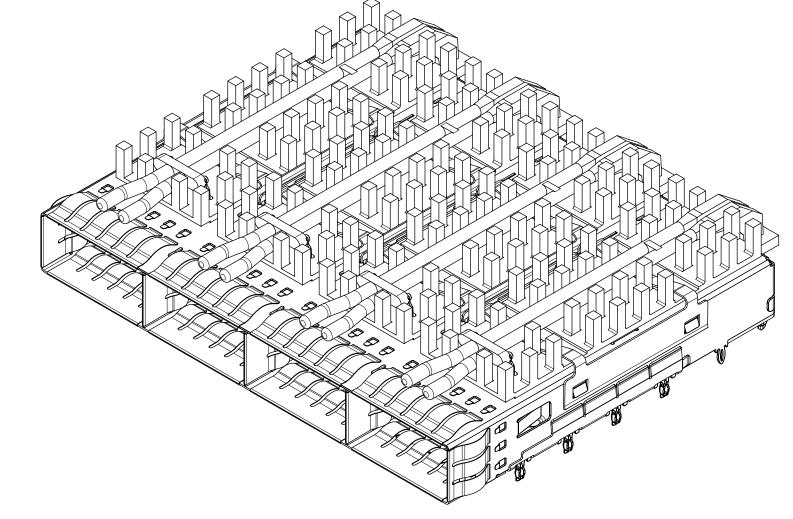


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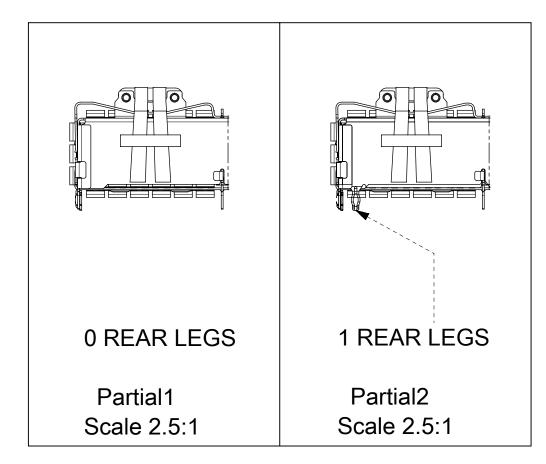
#### HEATSINK HEIGHT OPTIONS

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

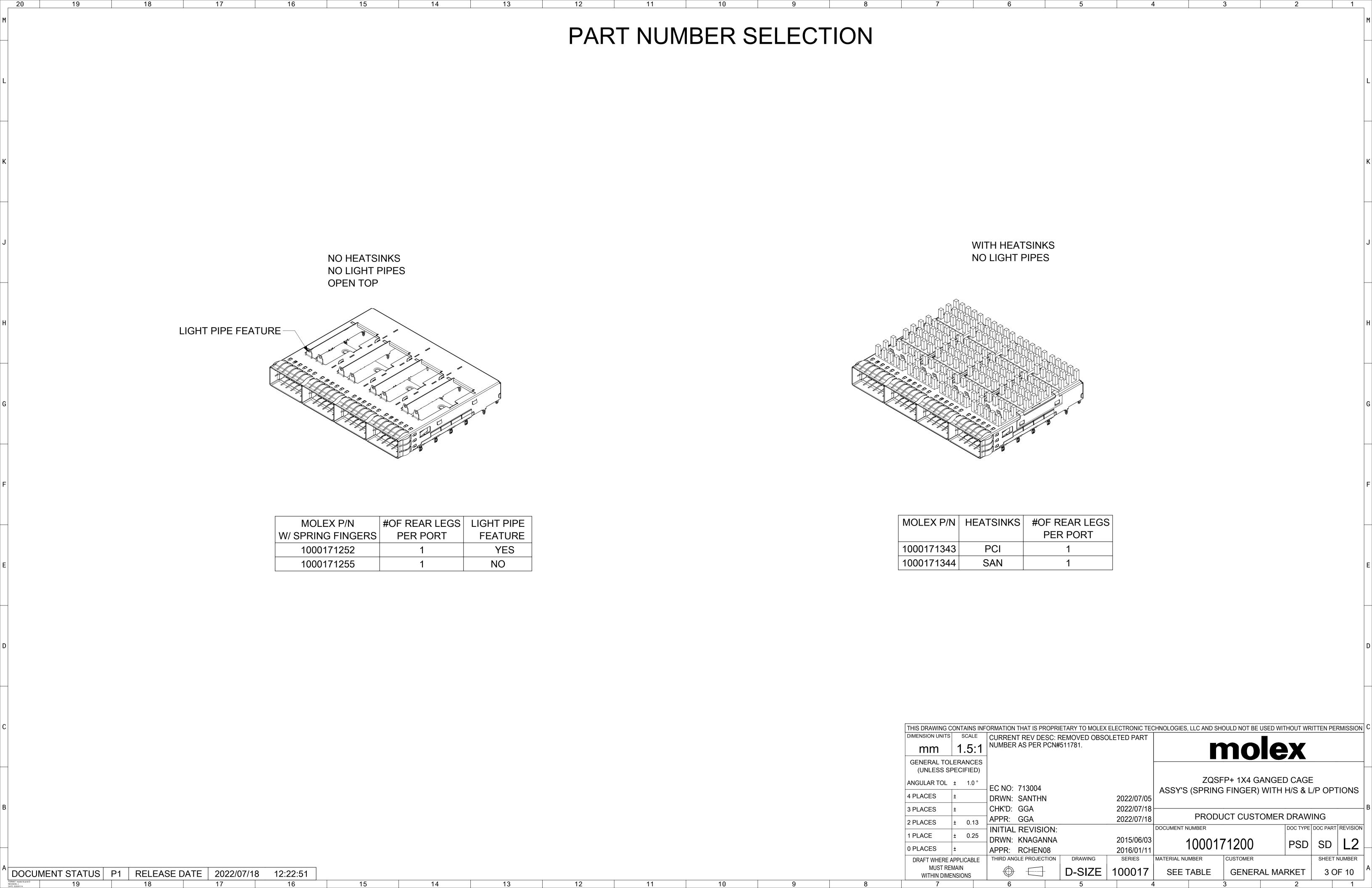
HEIGHT OF HEAT SINK WITH MODULE INSERTED.

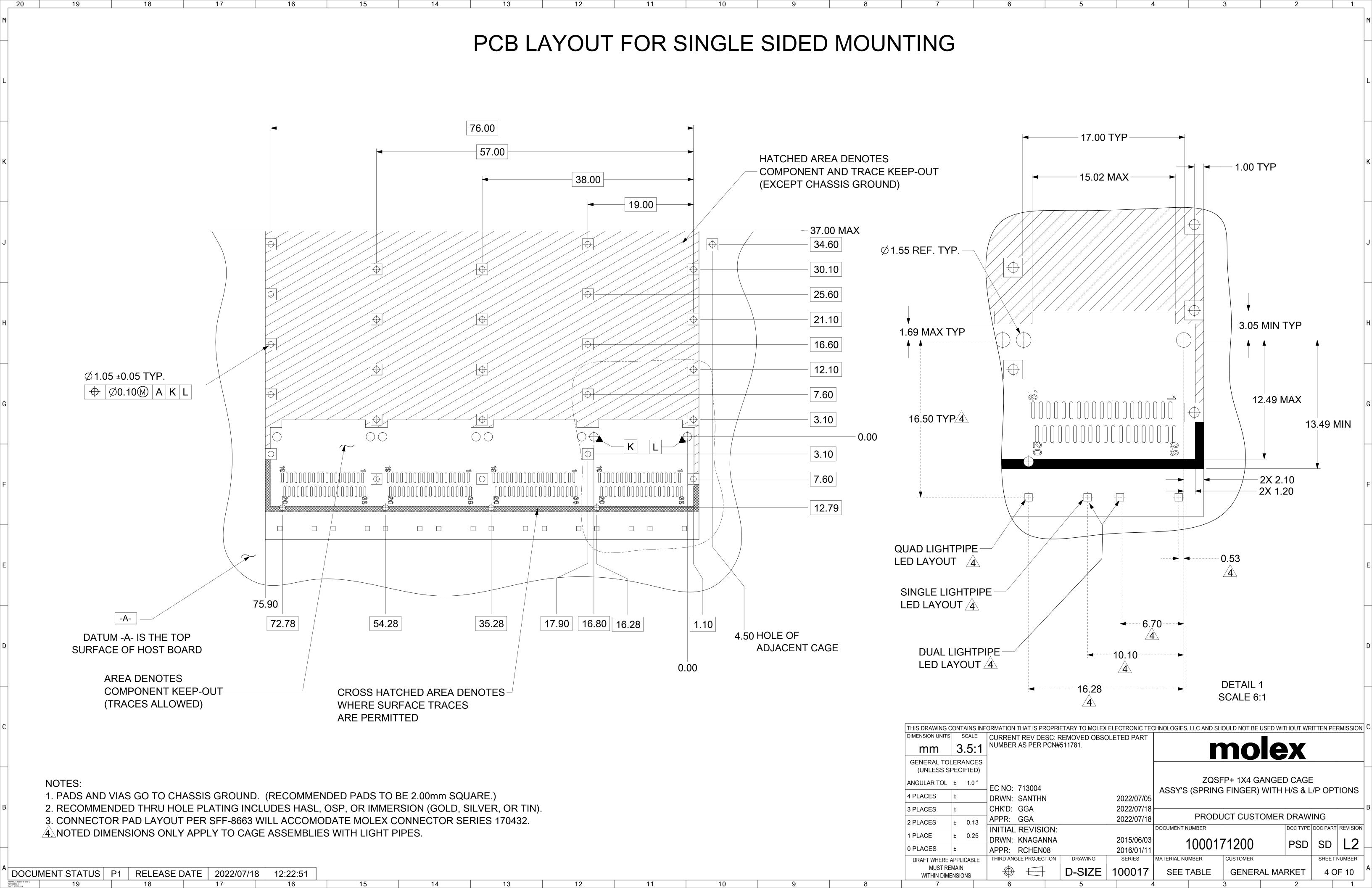
DIMENSION MAY BE LESS DUE TO MODULE AND HEAT SINK VARIATIONS

#### REAR LEG OPTIONS

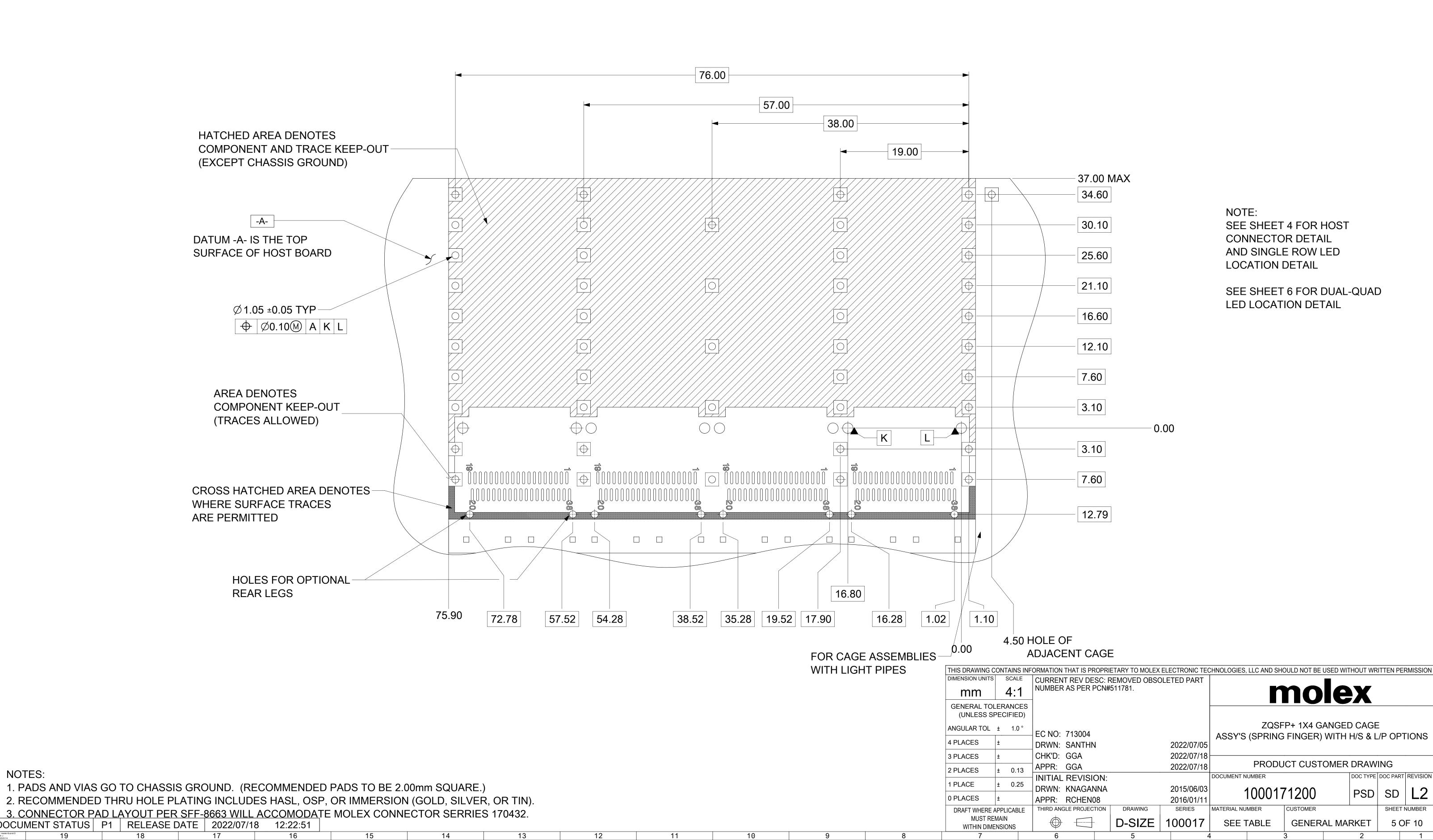


THIS DRAWING	CONTA	AINS INF	ORMATION	THAT IS PROPRI	ETARY TO MOLEX	ELECTRONIC TEC	CHNOLOGIES, LLC AND	SHOULD NOT BE USED WI	THOUT WR	RITTEN PER	RMISSION
DIMENSION UNITS	S SC	CALE	CURREN <sup>®</sup>	T REV DESC: F	REMOVED OBSO	DLETED PART					
mm	2	2:1	NUMBER	AS PER PCN#	511781.			mole	X		
GENERAL TO (UNLESS S											
ANGULAR TOL	±	1.0 °					ZQ	SFP+ 1X4 GANGE	D CAGE	Ξ	
			EC NO:	713004			ASSY'S (SPRII	NG FINGER) WITH	H/S & L	P OPT	ΓIONS
4 PLACES	±		DRWN:	SANTHN		2022/07/05		,			
3 PLACES	±		CHK'D:	GGA		2022/07/18			•	•	
2 PLACES	±	0.13	APPR:	GGA		2022/07/18	PROI	DUCT CUSTOMER	RDRAW	ING	
ZFLACES		0.13	INITIAL	REVISION:			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
1 PLACE	±	0.25		KNAGANNA		2015/06/03	4000	474000			10
0 PLACES	±			RCHEN08		2016/01/11	1000	171200	PSD	SD	
DRAFT WHERE	APPLIC	CABLE	THIRD ANG	SLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	l	SHEET	NUMBER
MUST R WITHIN DIM		NS	•		D-SIZE	100017	SEE TABLE	GENERAL MA	RKET	20	F 10



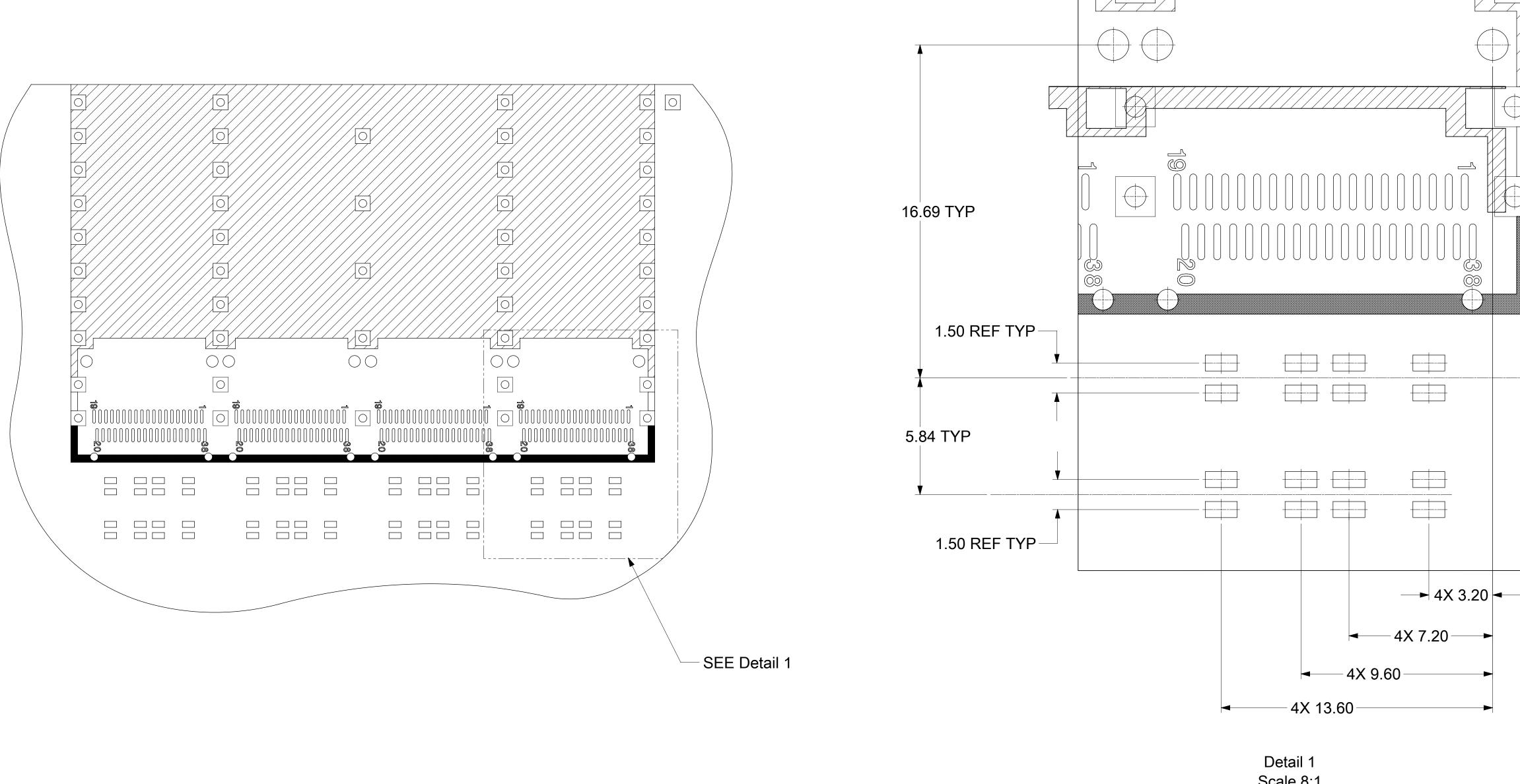


# PCB LAYOUT FOR BELLY TO BELLY MOUNTING



NOTES:

## LED PLACEMENT FOR 2 ROW QUAD LIGHT PIPE



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4X 7.20

4X 9.60

NOTE:

SEE SHEET 4 FOR HOST

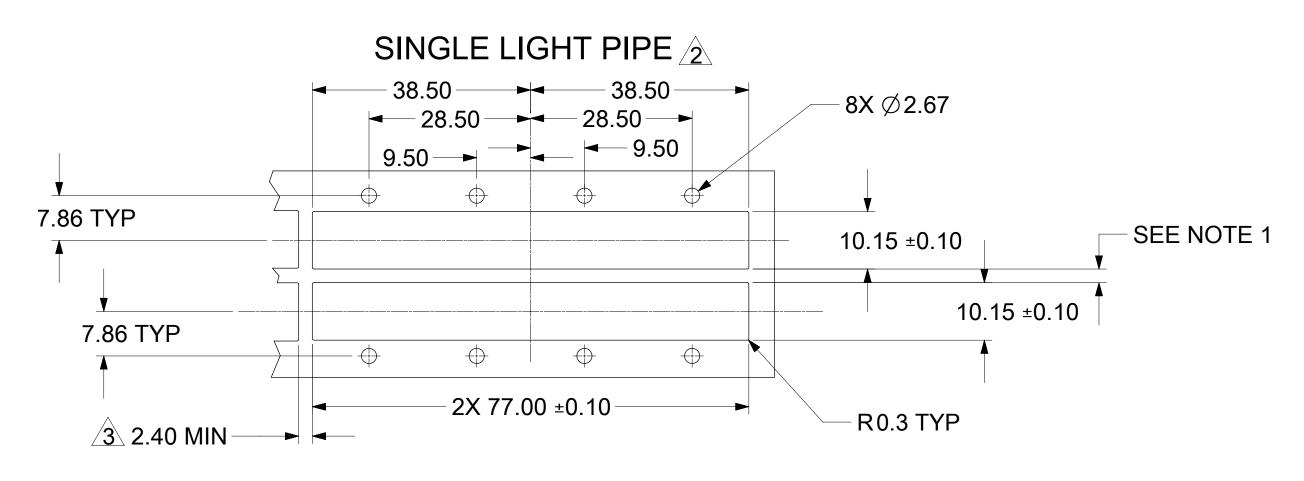
CONNECTOR DETAIL

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

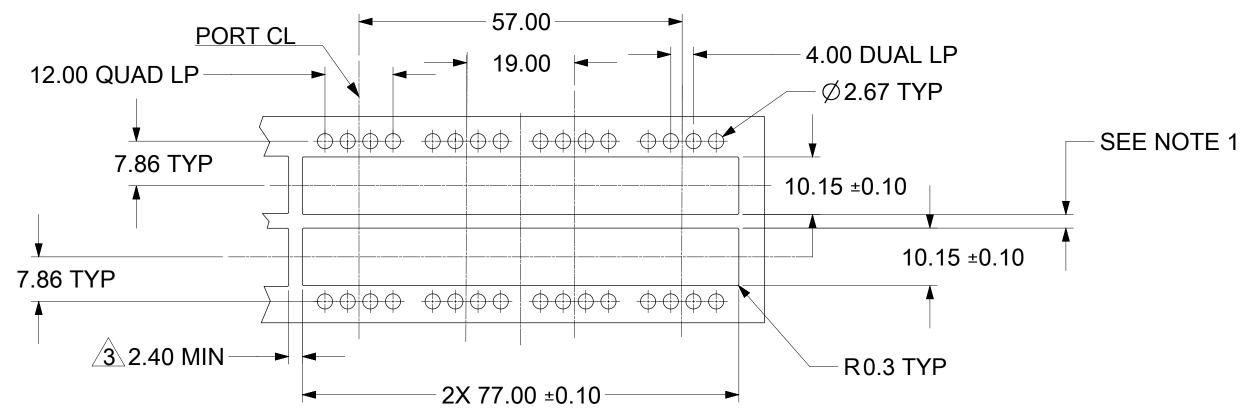
DIMENSION UNITS | SCALE | CURPENT DESC: DEMONSED ORSOLETED PART | SCALE | SCAL

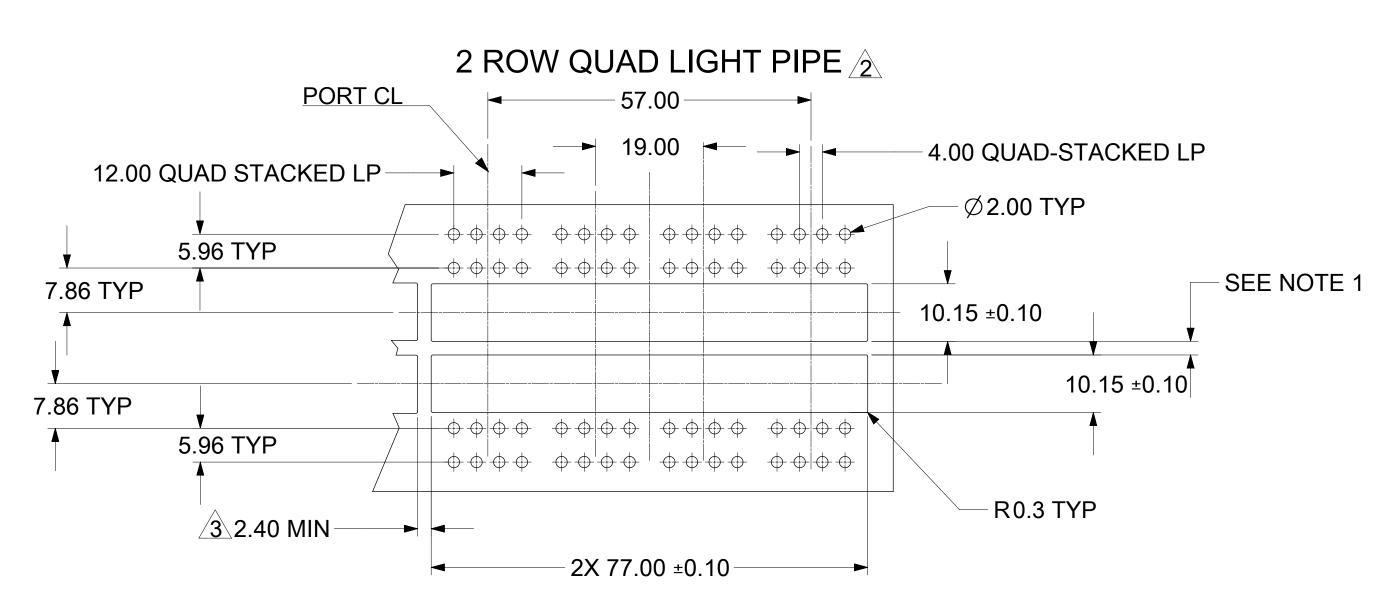
SCALE CURRENT REV DESC: REMOVED OBSOLETED PART molex NUMBER AS PER PCN#511781. GENERAL TOLERANCES (UNLESS SPECIFIED) ZQSFP+ 1X4 GANGED CAGE ANGULAR TOL ± 1.0° EC NO: 713004 ASSY'S (SPRING FINGER) WITH H/S & L/P OPTIONS 4 PLACES DRWN: SANTHN 2022/07/05 2022/07/18 CHK'D: GGA 3 PLACES PRODUCT CUSTOMER DRAWING 2022/07/18 APPR: GGA 2 PLACES INITIAL REVISION: DOC TYPE DOC PART REVISION DRWN: KNAGANNA 1 PLACE 2015/06/03 PSD SD L2 1000171200 APPR: RCHEN08 0 PLACES 2016/01/11 THIRD ANGLE PROJECTION SHEET NUMBER DRAFT WHERE APPLICABLE 100017 **GENERAL MARKET** SEE TABLE 6 OF 10

## BEZEL AND BOARD POSITION DIMENSIONS FOR BELLY TO BELLY MOUNTING



#### DUAL LIGHT PIPE AND QUAD LIGHT PIPE 2





#### NOTE:

19

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

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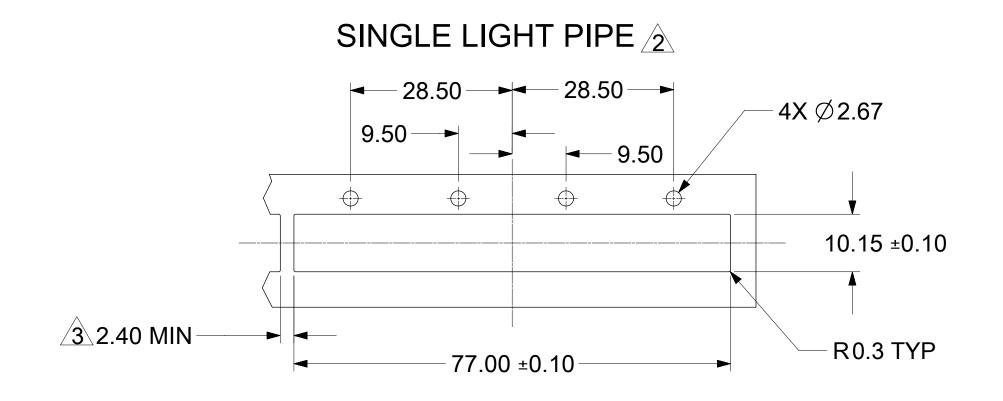
- 2 NOTED DIMENSIONS ONLY APPLY TO CAGE ASSEMBLIES WITH LIGHT PIPES.
- 3 THIS DIMENSION IS FOR REFERENCE ONLY. USER CAN MODIFY IT DEPENDS ON APPLICATION.

(THIS DIMENSION VARIES BASED ON DISTANCE OF "HOLE OF ADIACENT CAGE" ON PCB LAYOUT.)

CUTAWAY 2  0.00 ±0.10  BEZEL OPENING BELOW PCB PAD SURFACE  0.45 ±0.10  BEZEL OPENING ABOVE PCB PAD SURFACE	43.8 REF (BEZEL CENTERLINE)  43.0 ±0.3 (BACK OF BEZEL)  CUTAWA	9.75 REF (TOP OF CAGE TO PAD SURFACE)
BEZEL OPENING ABOVE PCB PAD SURFACE	<b>-</b> 1.60 REF	

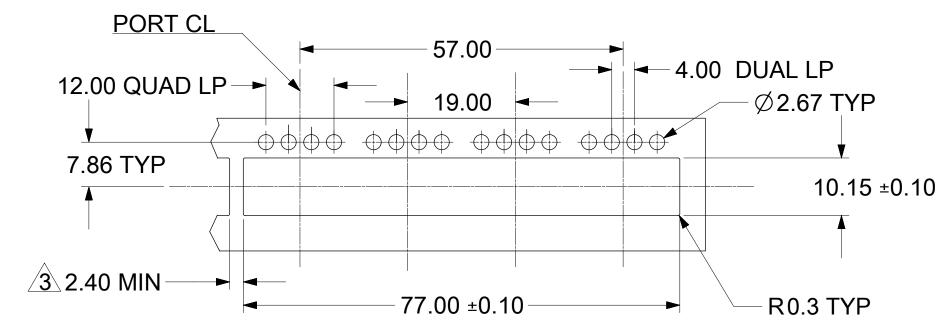
DIMENSION UNITS		CURRENT REV DES			nivologies,	, LLC AND SH	OULD NOT BE	-	HOUT WK	HIENEL	NISSIU
mm	2.5:1	NUMBER AS PER PO		DLETED FART			no	le	X		
GENERAL TOL (UNLESS SI											
ANGULAR TOL	± 1.0 °					ZQSF	P+ 1X4 G	ANGE	D CAGE	•	
4 DL ACEC		EC NO: 713004			ASSY'S	(SPRING	FINGER)	WITH	H/S & L	./P OP1	TIONS
4 PLACES	±	DRWN: SANTHN		2022/07/05							
3 PLACES	±	CHK'D: GGA		2022/07/18							
2 PLACES	± 0.13	APPR: GGA		2022/07/18		PRODU	JCT CUST	OMER	DRAW	ING	
21 17 1010	0.10	INITIAL REVISIO	N:		DOCUMENT N	IUMBER			DOC TYPE	DOC PART	REVISIO
1 PLACE	± 0.25	DRWN: KNAGANI		2015/06/03	_	10001	74000			0.0	1.0
0 PLACES	±	APPR: RCHEN08		2016/01/11		100017	/1200		PSD	SD	L2
DRAFT WHERE A	APPLICABLE	THIRD ANGLE PROJECTI	ON DRAWING	SERIES	MATERIAL NU	JMBER	CUSTOMER			SHEET	NUMBER
MUST RE WITHIN DIME			D-SIZE	100017	SEE 1	ΓABLE	GENER	AL MA	RKET	7 O	F 10
7		6	5		i		3		2		1

## BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING

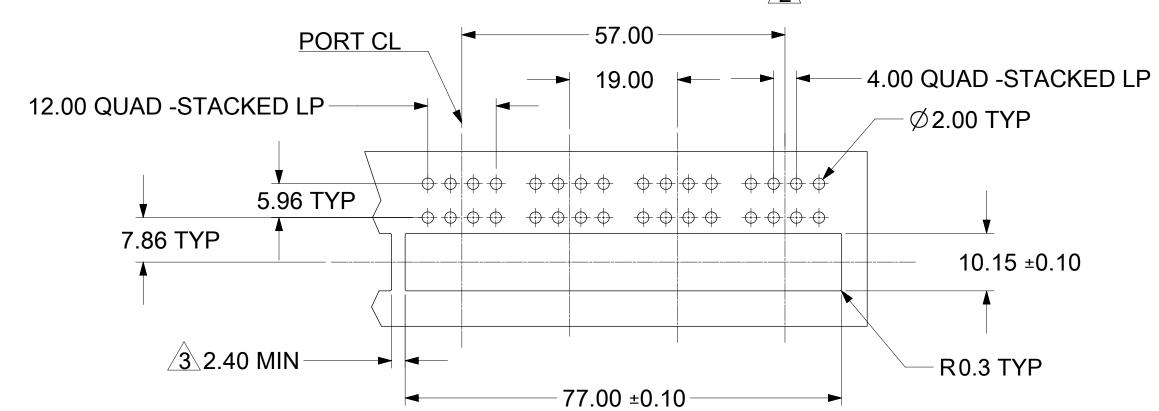


19

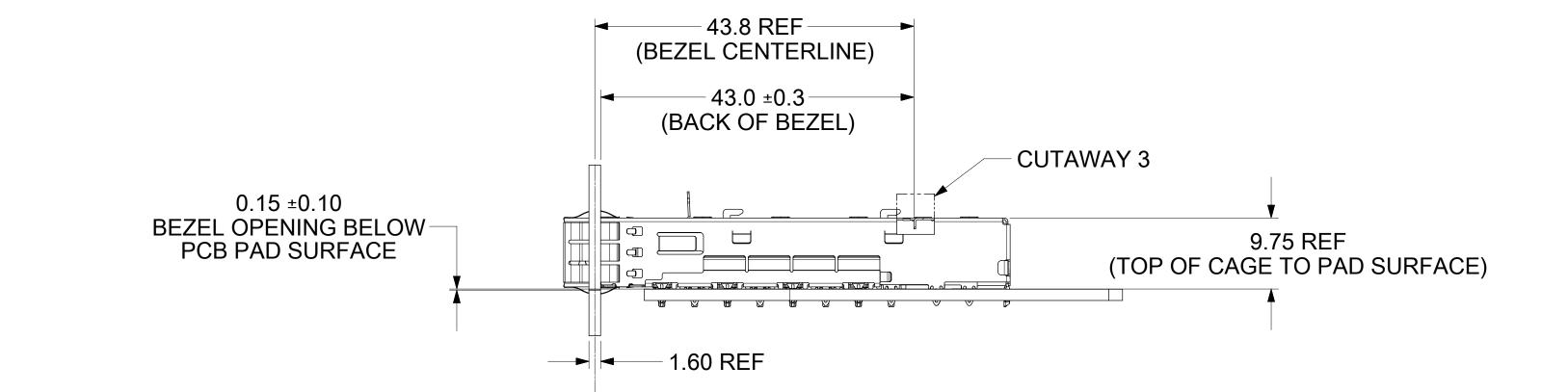
#### DUAL LIGHT PIPE AND QUAD LIGHT PIPE 2



#### 2 ROW QUAD LIGHT PIPE /2



	NOTE:
В	1. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMINING
	BEZEL OPENING LOCATION.
	2 NOTED DIMENSIONS ONLY APPLY TO CAGE ASSEMBLIES WITH LIGHT PIPES.
	3 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.)
A	DOCUMENT STATUS P1 RELEASE DATE 2022/07/18 12:22:51



THIS DRAWING O	CONTAIN	S INF	ORMATION THA	AT IS PROPRIE	ETARY TO MOLEX	ELECTRONIC TEC	CHNOLOGIES,	LLC AND SH	OULD NOT BE (	USED WIT	THOUT WR	ITTEN PER	RMISSION	1 C
DIMENSION UNITS	SCAI	_E			EMOVED OBSC	LETED PART								
mm	1:	1	NUMBER AS	PER PCN#5	511781.				no	le	X			
GENERAL TO														_
ANGULAR TOL		,	EC NO: 713	3004			A 0.00//10	•	P+ 1X4 G/				TONO	
4 PLACES	±		DRWN: SAI			2022/07/05	ASSYS	(SPRING	FINGER)	VVIIH	H/S & L	/P 0P1	IONS	
3 PLACES	±		CHK'D: GG	SA .		2022/07/18								-  E
2 PLACES	± 0.	13	APPR: GG	SA .		2022/07/18		PRODU	JCT CUST	OMER	DRAW	ING		
	<del>                                     </del>		INITIAL RE	EVISION:			DOCUMENT N	UMBER			DOC TYPE	DOC PART	REVISION	ı
1 PLACE	± 0.2	25	DRWN: KN	IAGANNA		2015/06/03		100017	71200		PSD	SD	L2	
0 PLACES	±		APPR: RC	CHEN08		2016/01/11			1200			30	LZ	
DRAFT WHERE	APPLICAE	BLE	THIRD ANGLE P	PROJECTION	DRAWING	SERIES	MATERIAL NUI	MBER	CUSTOMER			SHEET N	NUMBER	1
MUST RE WITHIN DIME					D-SIZE	100017	SEE T	ABLE	GENERA	AL MA	RKET	8 O	F 10	Δ
7			6		5	4	-		3		2		1	

REV	DATE	DESCRIPTION
Λ	03/29/2013	RELEASE
В	06/26/2013	ADDED DIM 12.77 AT G-9 ON SHEET 4.
С	02/05/2014	SHEET 3: ADDED VIEW AND P/N TABLE FOR CLOSED TOP W/LP.
	1	SHEET 4/5: EXPANDED ALLOWABLE AREA WHERE SURFACE TRACES ARE PERMITTED.
	ı	REMOVED "HOLE PATTERN REPEATS FOR EACH PORT." FROM NOTE 4
D	07/15/2014	SHEET 1: ADDED MATERIAL INFORMATION TO NOTES.
	ı	SHEET 2: MADE HEATSINK HEIGHT DIMENSIONS REF.
	ı	CHANGED REARMOST LEG ON BOTH SIDES OF ALL CAGES FROM 3D PRESSFIT TO
	ı	EYE-OF-THE-NEEDLE PRESSFIT LEG.
Е	10/6/2014	ADDED 2 ROW QUAD LIGHT PIPE OPTION
	ı	SHEET 2: CHANGED HEATSINK HEIGHT DIMENSIONS TO REF
	ſ	J14: DIM 67.48 CHANGED TO REF
	I	SHEET 4: MOVED DATUMS "K" AND "L" TO CONNECTOR HOLES
	ſ	REMOVED BASIC FROM "0.00" POSITIONS
	ſ	SHEET 5: MOVED DATUMS "K" AND "L" TO CONNECTOR HOLES
	ſ	REMOVED BASIC FROM "0.00" POSITIONS
	ı	H18: MADE HOLE DIAMETER DIMENSION TYP
	ſ	SHEET 7: EDIT NOTE 1, REMOVED "SIZE"
	211212215	REMOVED NOTE 1 FROM ALL "10.15" DIMENSIONS
F +	3/12/2015	ADDED 1000171255 & LIGHT PIPE FEATURE IN COLUMN @ M10 ON SHEET3.
G	04/14/2015	SHEET 4: REVISED DIM "WAS" 12.77 "NOW" 12.79 @G9
	ſ	REVISED FRAMED TEXT NUMBER 4 TRIANGLES TO FRAMED TEXT NUMBER 5 @D5, @E4, @E6, @F4, @F6, AND @H7
	ſ	SHEET 5: REVISED DIM "WAS" 12.77 "NOW" 12.79 @F7
	ſ	REMOVED NOTE 4 AND REVISED NOTE 5 TO NOTE 4
	ſ	REMOVED NOTE 4 @A20  REMOVED SEE NOTE 4 AND ADDED DIMS @K11 K12 K13 AND @K14
	ı	REMOVED SEE NOTE 4 AND ADDED DIMS @K11, K12, K13, AND @K14 SHEET 6: REVISED PORT CL "WAS" (4) "NOW" PORT CL @E7, D17, G17 AND @H7
H	06/16/2015	SHEET 6. REVISED FORT CL WAS (4) NOW FORT CL @E7, D17, G17 AND @H7  SHEET 1: C7: CHANGED YR FROM 12,13,14 ETC.(EXAMPLE: YEAR 2012=12) TO 15,16,17 ETC.(EXAMPLE: YEAR 2015=15)
''	1	SHEET 3: B18: ADDED PN 1000171649 CUSTOM H/S 19mm TO HEATSINK AND LIGHT PIPE TABLE
	ı	SHEET 6: CHANGED REVISION DESCRIPTION FROM ENTER DESCRIPTION TO SEE REVISION TABLE
	<del></del>	CHANGED MATERIAL NO. FROM 999999999 TO SEE DRAWING
		REMASTERED FROM SD-100017-1200_REV-H
J1	01/04/2016	UP-REVISIED TO CORRECT THE MODEL
J2	01/07/2016	CHANGED DOCUMENT FROM RSD TO SD
J3	2016/01/15	UPDATE DRAWING FORMAT TO NEW SIZE D SHEET 7 8 9: ADDED NOTE: THIS DIMENSION IS FOR DEFENDE ON A DELICATION (THIS DIMENSION VARIES BASED ON DISTANCE OF "HOLE OF A DIACENT CACE" ON DOR LAYOUT)
<b>K</b>	2017/06/07	SHEET 7 & 8: ADDED NOTE: 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.) SHEET 4: ADDED PAD TO HOLES & UPDATED VIEWS TO AVOID CONFUSION
r\	2017/00/07	SHEET 4. ADDED PAD TO HOLES & OPDATED VIEWS TO AVOID CONFUSION  SHEET 5: ADDED PAD TO HOLES & UPDATED VIEWS TO AVOID CONFUSION
	ı	C05: ADDED BASIC DIM 19.52
	ı	C10: ADDED BASIC DIM 35.28 & 38.52
	ſ	C12: ADDED BASIC DIM 54.28 & 57.52
	ı	C13: ADDED BASIC DIM 72.78 SHEET 6: ADDED PAD TO HOLES & UPDATED VIEWS TO AVOID CONFUSION
	ı	SHEET 7: J03: CHANGED DIM FROM 9.78 REF TO 9.75 REF
	ı	SHEET 8: J03: CHANGED DIM FROM 9.78 REF TO 9.75 REF
K1	2019/08/26	OBSOLETED P/N 1000171240,1000171255,1000171448,1000171543,1000171647.
L _	2020/08/17	REACTIVATED P/N 1000171255
L1	2021/01/19	REMOVED OBSOLETED PART NUMBERS.
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITH
		DIMENSION UNITS   SCALE   CURRENT REV DESC: REMOVED OBSOLETED PART
		mm 1:1  OF NET ALL FOLLOW FOR A STATE OF THE PROPERTY OF THE P
		GENERAL TOLERANCES (UNLESS SPECIFIED)
		ANGULAR TOL ± 1.0° ZQSFP+ 1X4 GANGED
		EC NO: 713004 ASSY'S (SPRING FINGER) WITH H
		AROCEAN TOE 1 1.0   EC NO: 713004   ASSY'S (SPRING FINGER) WITH H    4 PLACES   ±   DRWN: SANTHN   2022/07/05     3 PLACES   ±   CHK'D: GGA   2022/07/18   DRWN: SANTHN
		EC NO: 713004 ASSY'S (SPRING FINGER) WITH H    4 PLACES   ± DRWN: SANTHN 2022/07/05

DRAFT WHERE APPLICABLE THIRD ANGLE PROJECTION DRAWING SERIES MATERIAL NUMBER CUSTOMER MUST REMAIN
WITHIN DIMENSIONS SEE TABLE GENERAL MARKET RELEASE DATE | 2022/07/18 12:22:51

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