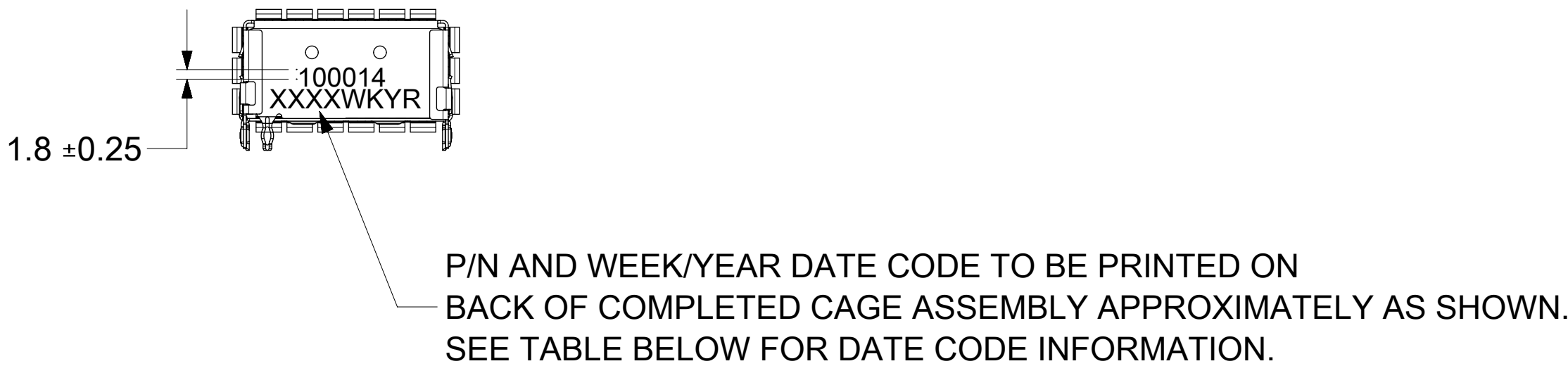
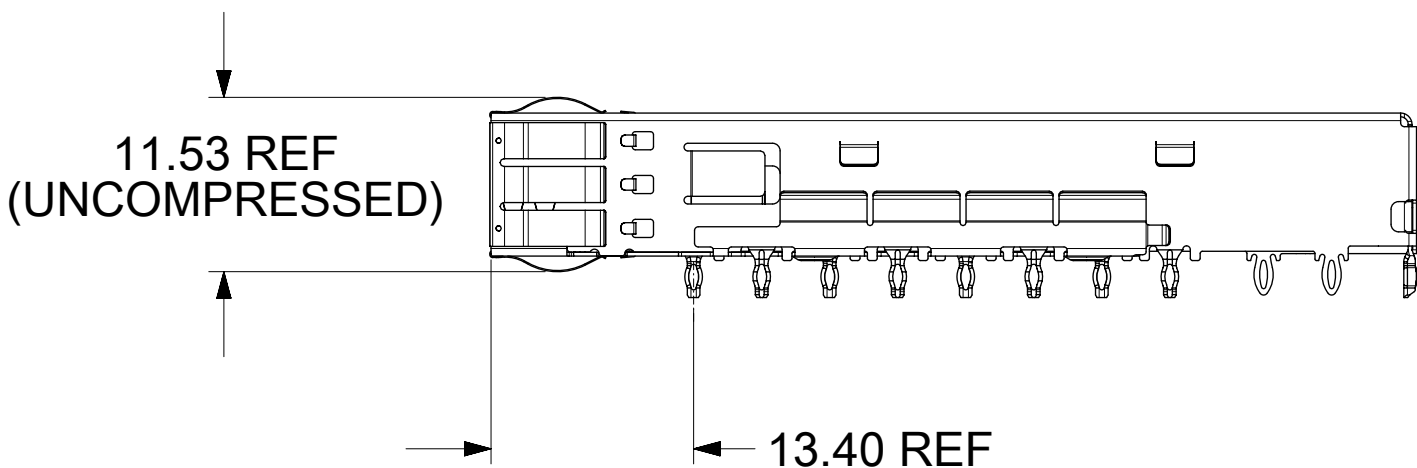
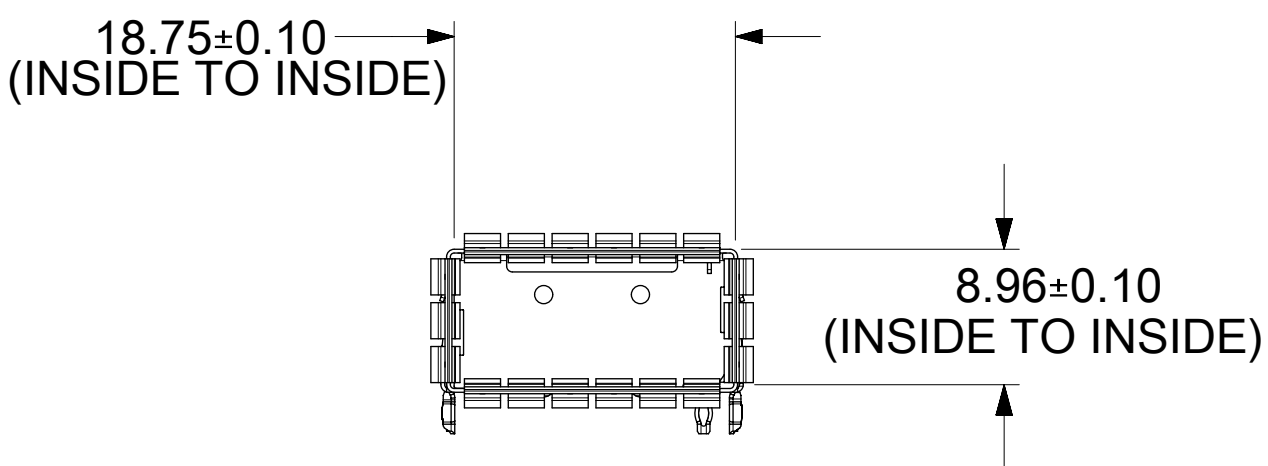
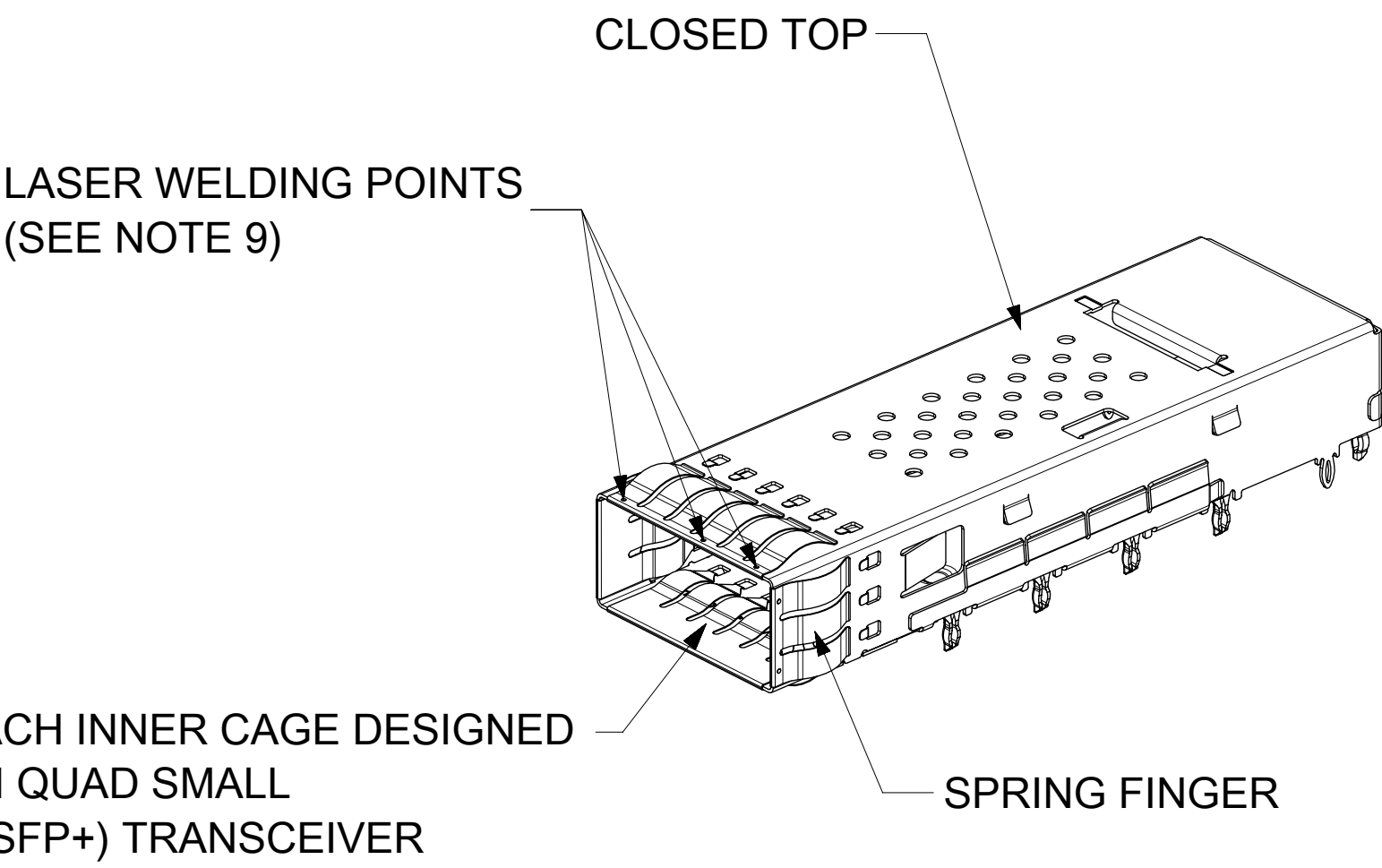
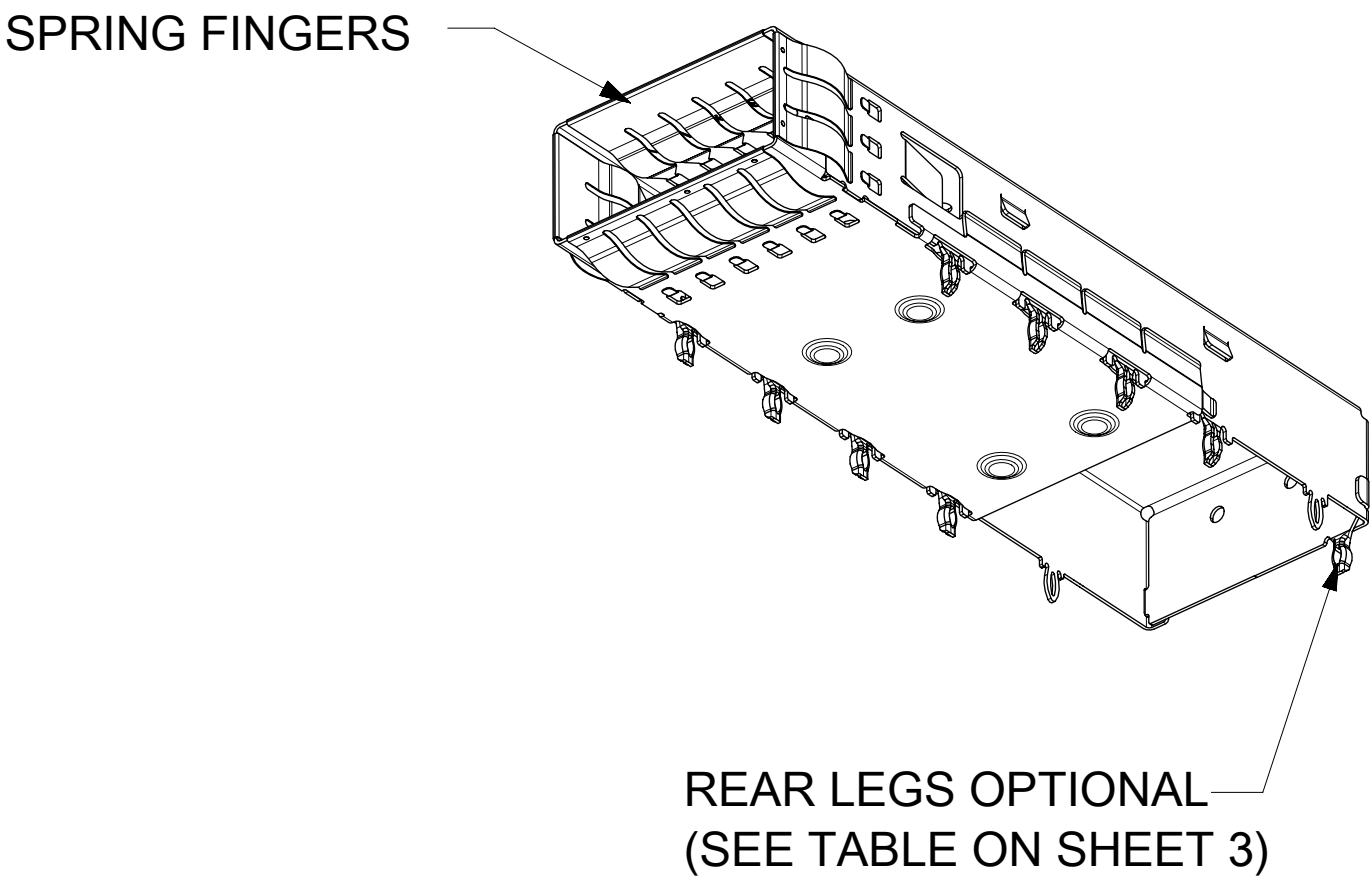
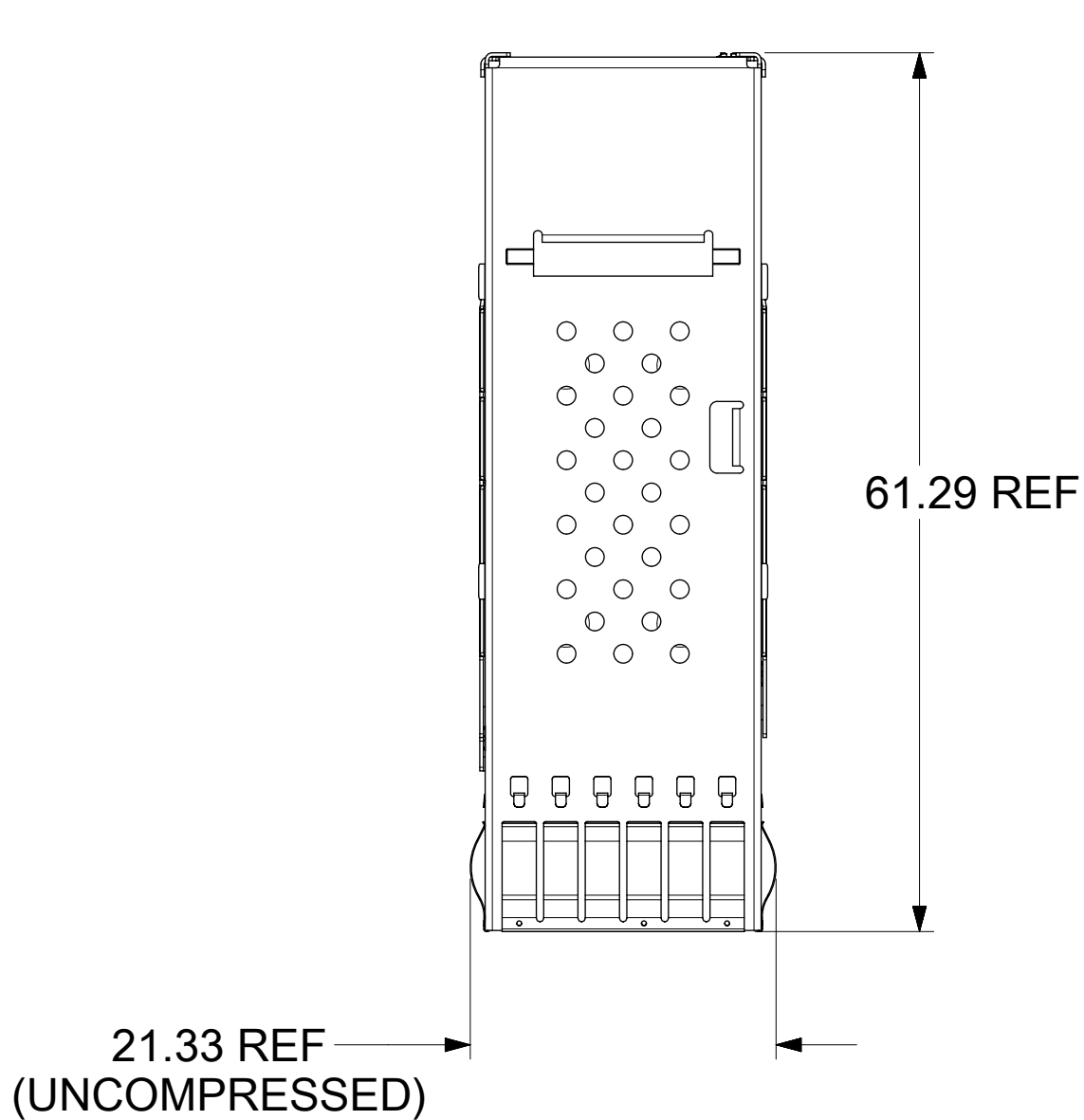


BASE CAGE DETAILS

1000143242

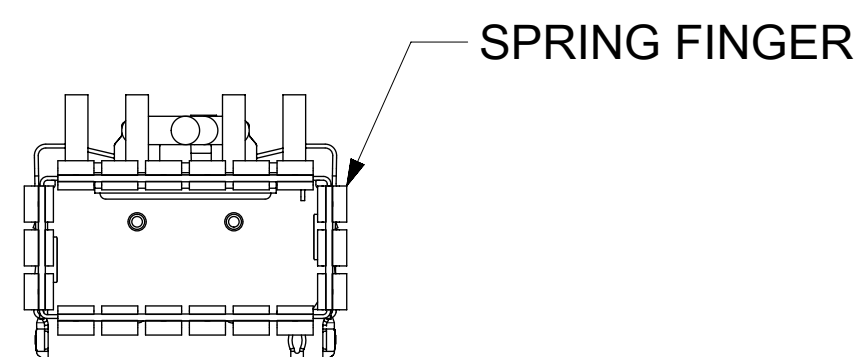
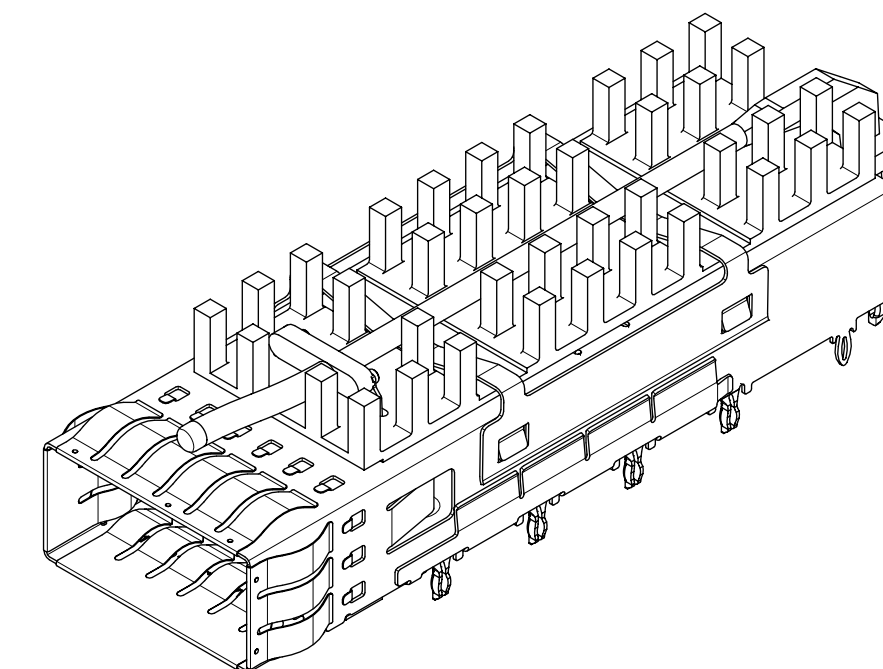
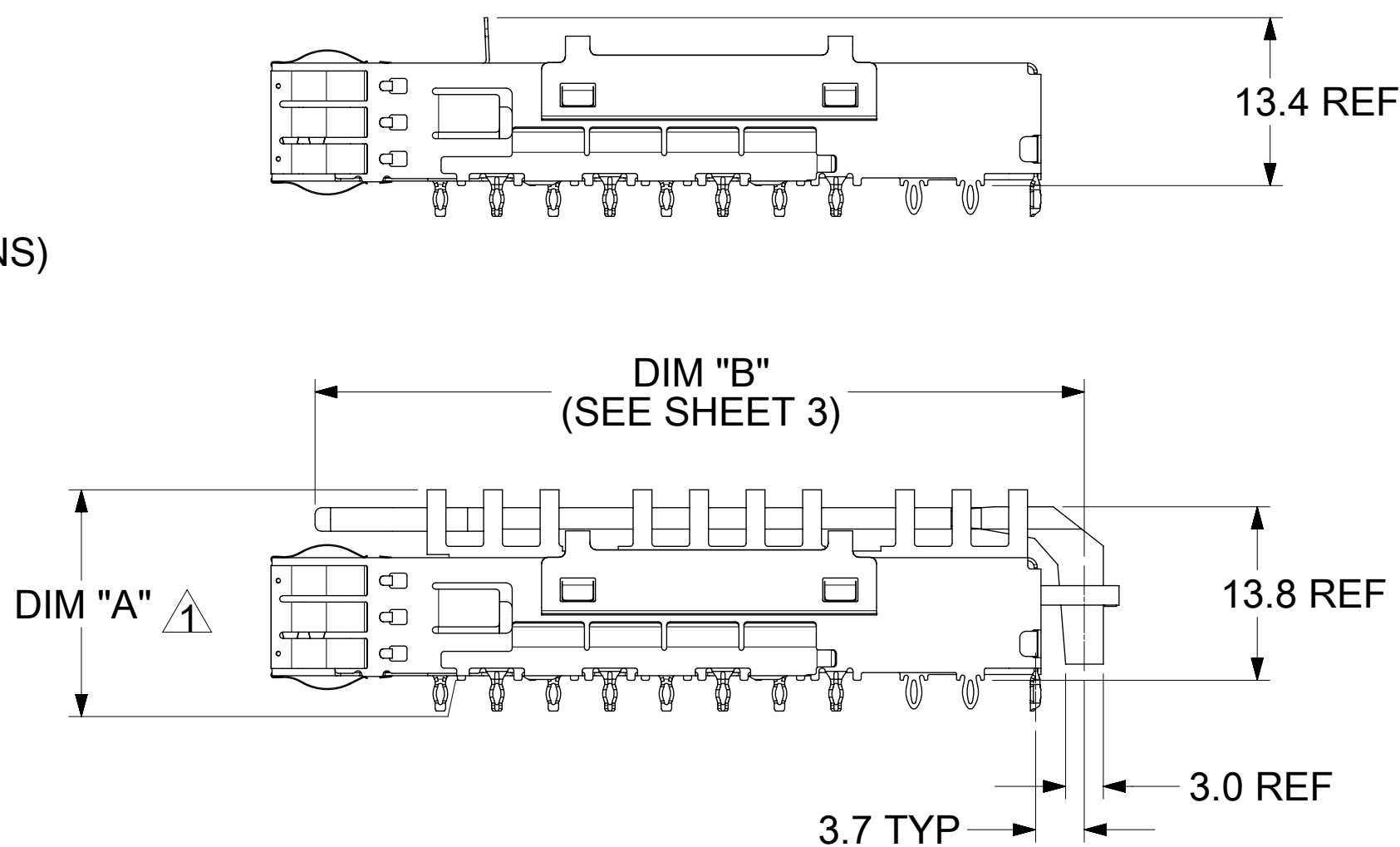
SHOWN



- NOTES:
- 1. MATERIAL: CAGE: STAINLESS STEEL
SPRING FINGERS: STAINLESS STEEL
HEAT SINKS: NICKEL PLATED ALUMINUM
HEAT SINK CLIP: STAINLESS STEEL
LIGHT PIPES: POLYCARBONATE (UL 94-V-0)
 - 2. DIMENSIONS MARKED  ARE CRITICAL TO FUNCTION OF THE PART AND MUST BE INSPECTED
 - 3. DRAWING APPLIES TO ALL P/N'S SHOWN ON PAGE 3
 - 4. DURING FINAL INSPECTION, CAGE LEG LOCATIONS AND STRAIGHTNESS MUST BE CHECKED USING APPROPRIATE GO - NO GO GAGE
 - 5. DURING FINAL INSPECTION, CAGE MUST BE INSPECTED TO MAKE SURE LEG CONFIGURATIONS AND PART NUMBERS ARE CORRECT, USE SHEETS 3, 4 AND 5
 - 6. PARTS TO BE INSPECTED PER MOLEX COSMETIC SPEC WI-HP-7-2774 (CLASS B UNLESS OTHERWISE SPECIFIED)
 - 7. PRESS-FIT LEGS 2.44 [0.096] LONG -
1.57 [0.062] MINIMUM PCB THICKNESS FOR SINGLE SIDED USE.
3.00 [0.118] MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE.
 - 8. NO RoHS EXEMPTIONS
 - 9. WELD SPOTS MAY SHOW SLIGHT MATERIAL DISCOLORATION.

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)																			
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
	DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE				molex ZQSFP+ 1X1 CAGE ASSY'S W/ SUS TAB TYPE SPRING FINGER, H/S & L/P OPTIONS											
	mm		2:1																	
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	ANGULAR TOL ± 2.0 °																			
	4 PLACES		±																	
	3 PLACES		±																	
	2 PLACES		± 0.15																	
	DIVISIONAL SYMBOLS	1 PLACE		± 0.25		DOCUMENT NUMBER 1000143200				DOC TYPE		DOC PART		REVISION						
		0 PLACES		±						PSD		ASY		A						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION						DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
												D-SIZE		100014		GENERAL MARKET		1 OF 7		

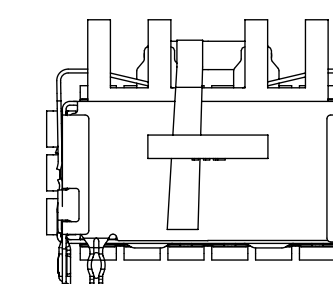
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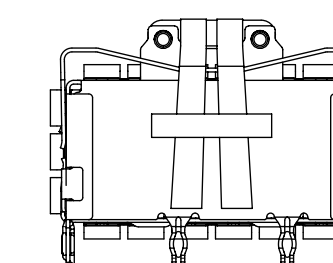
OVERALL HEAT SINK HEIGHT	DIM "A"
PCI	13.7 REF
SAN	16.0 REF
NET	23.0 REF

HEIGHT OF HEAT SINK WITH MODULE INSERTED.
DIMENSION MAY BE LESS DUE TO MODULE AND HEAT SINK VARIATIONS

0 REAR LEGS



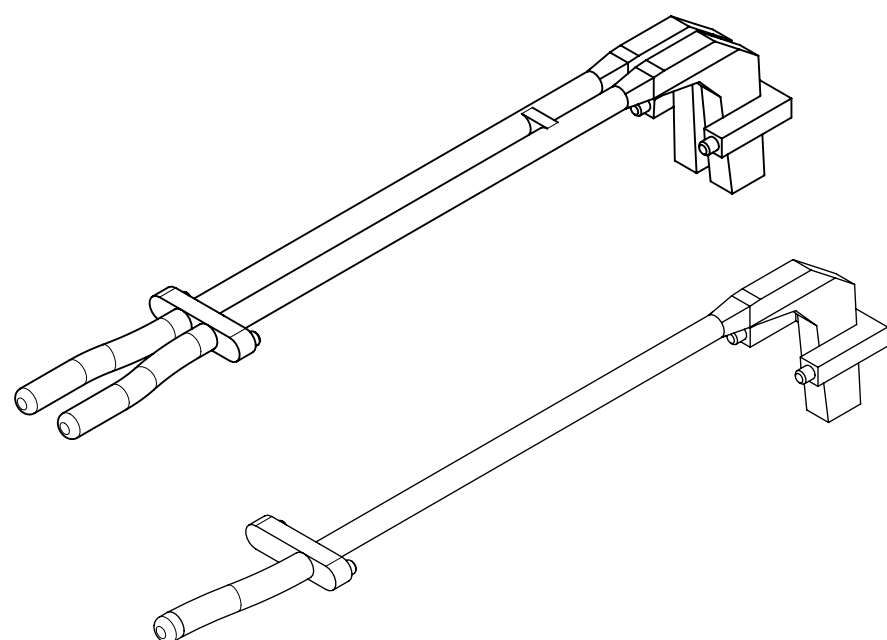
1 REAR LEGS



2 REAR LEGS

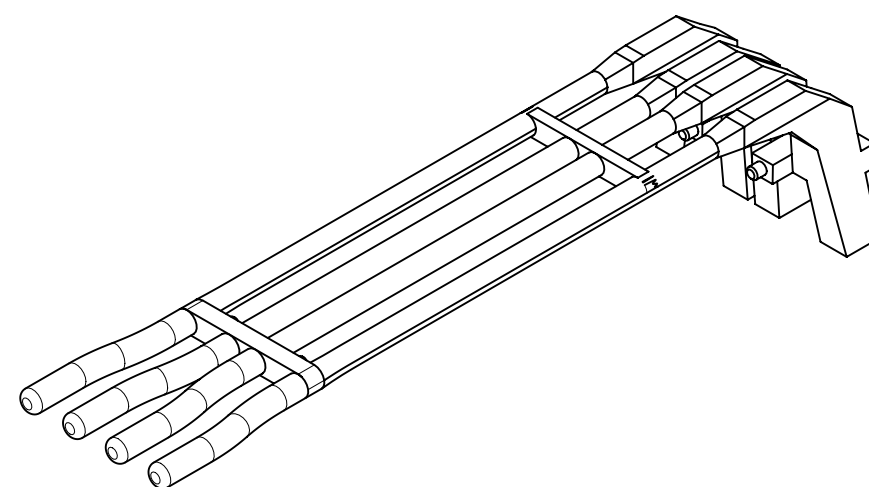
HEAT SINK
USED
WITHOUT
LIGHTPIPE

SINGLE / DUAL LIGHT PIPE

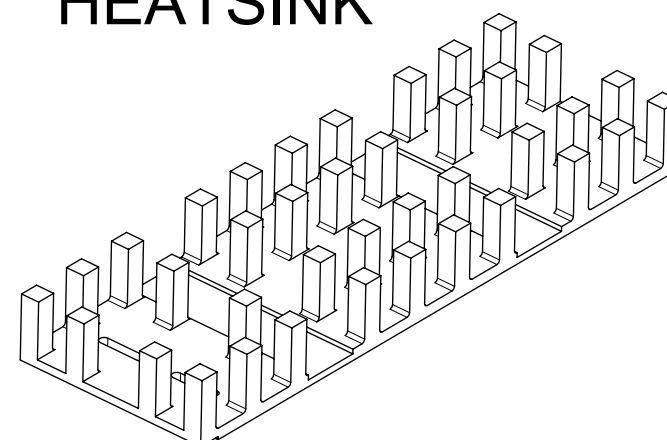


HEATSINK

QUAD LIGHT PIPE



HEATSINK

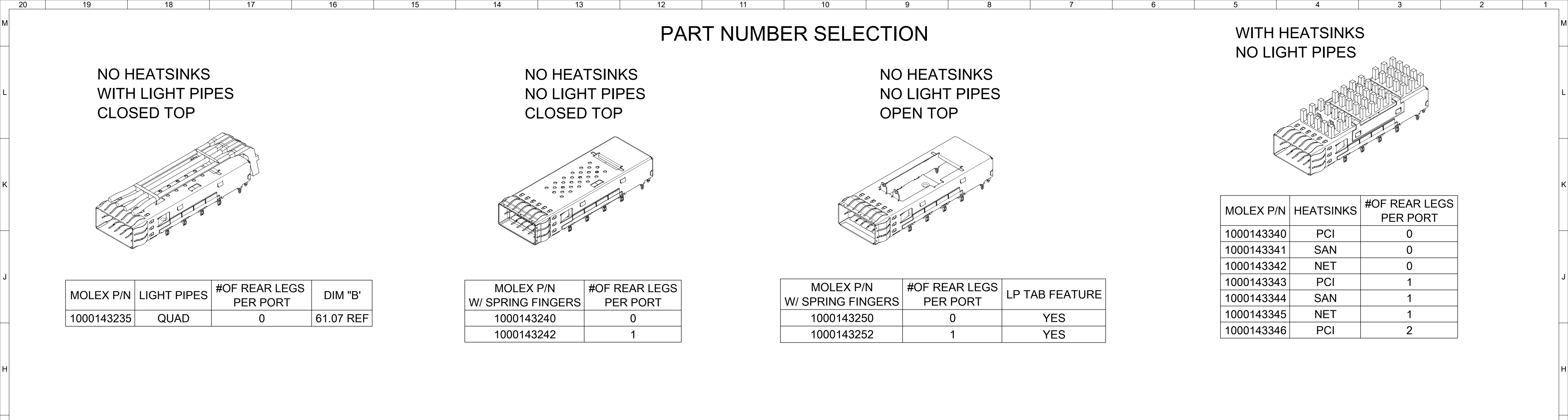


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DOCUMENT STATUS	P1	RELEASE DATE	2022/03/28	08:56:17
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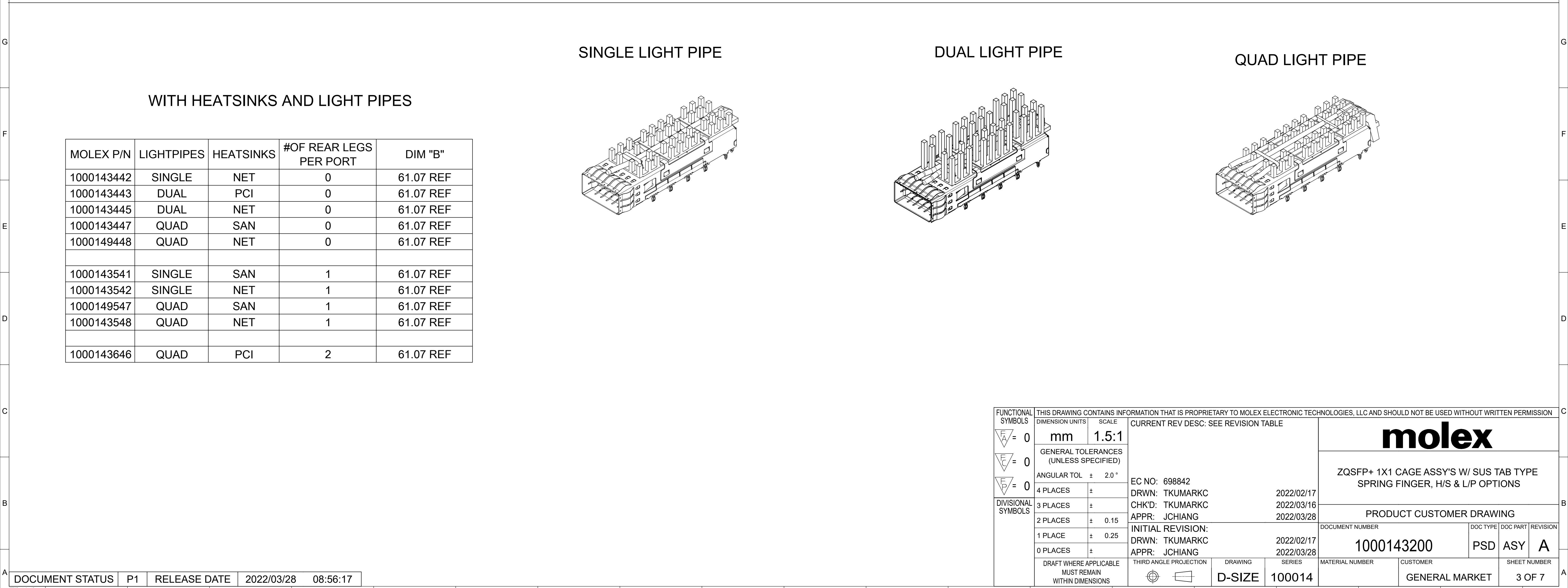
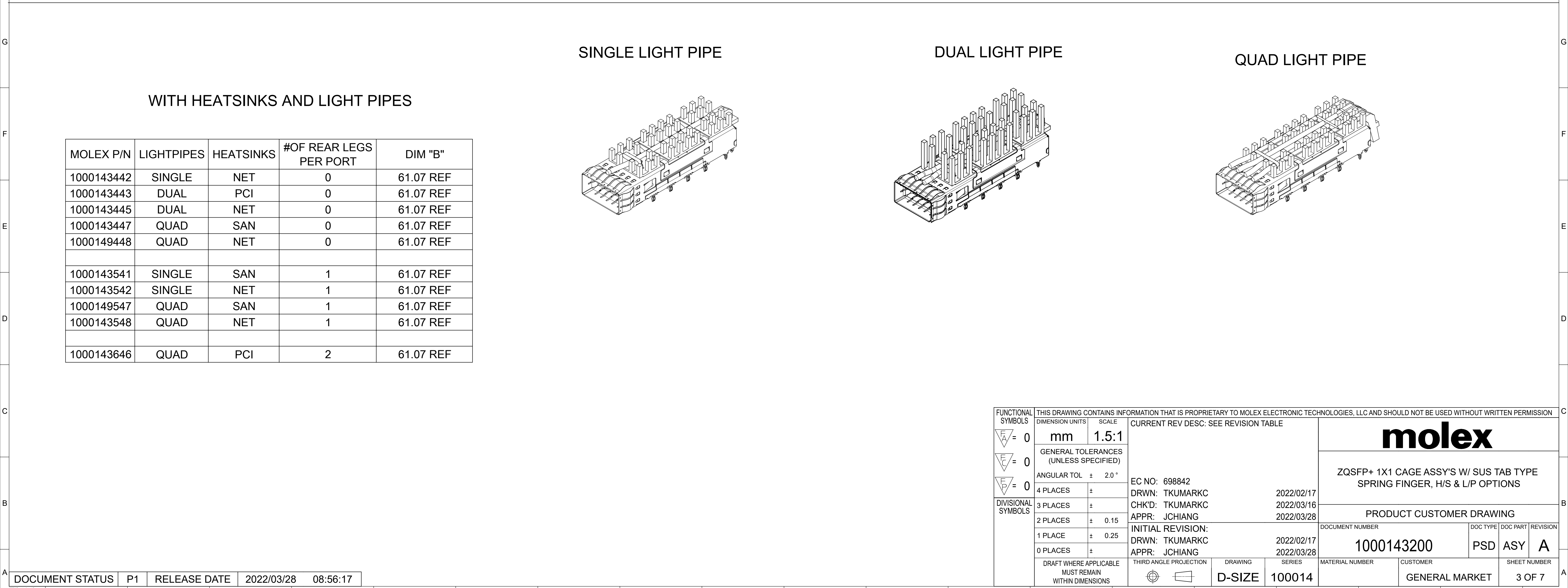
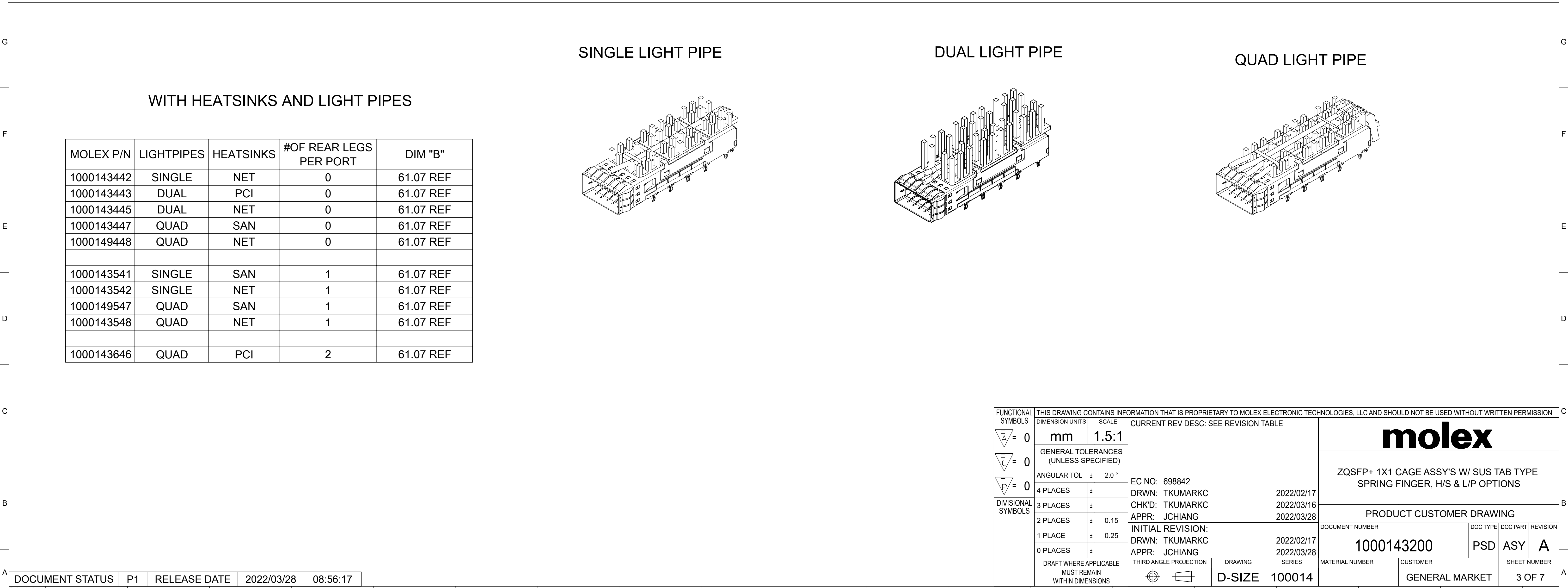
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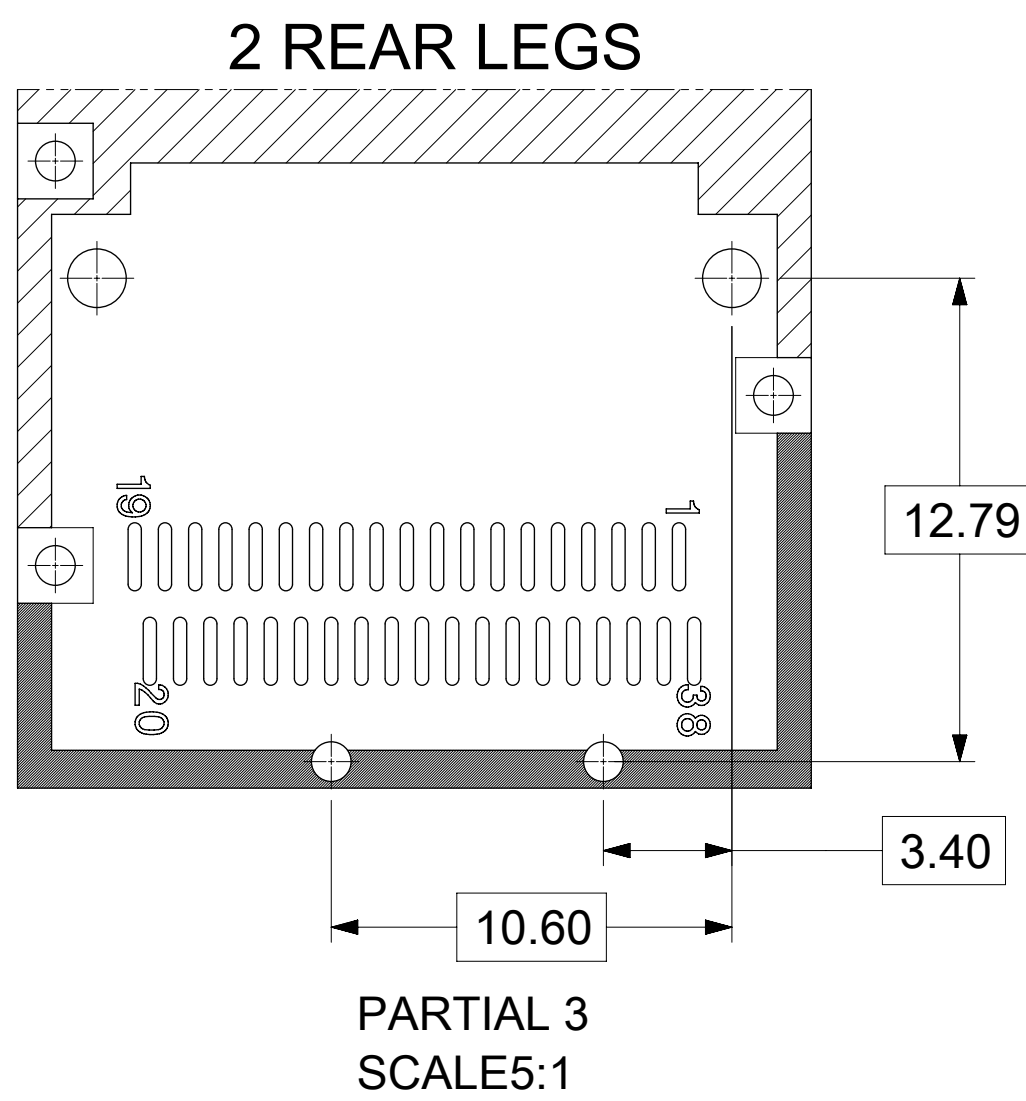
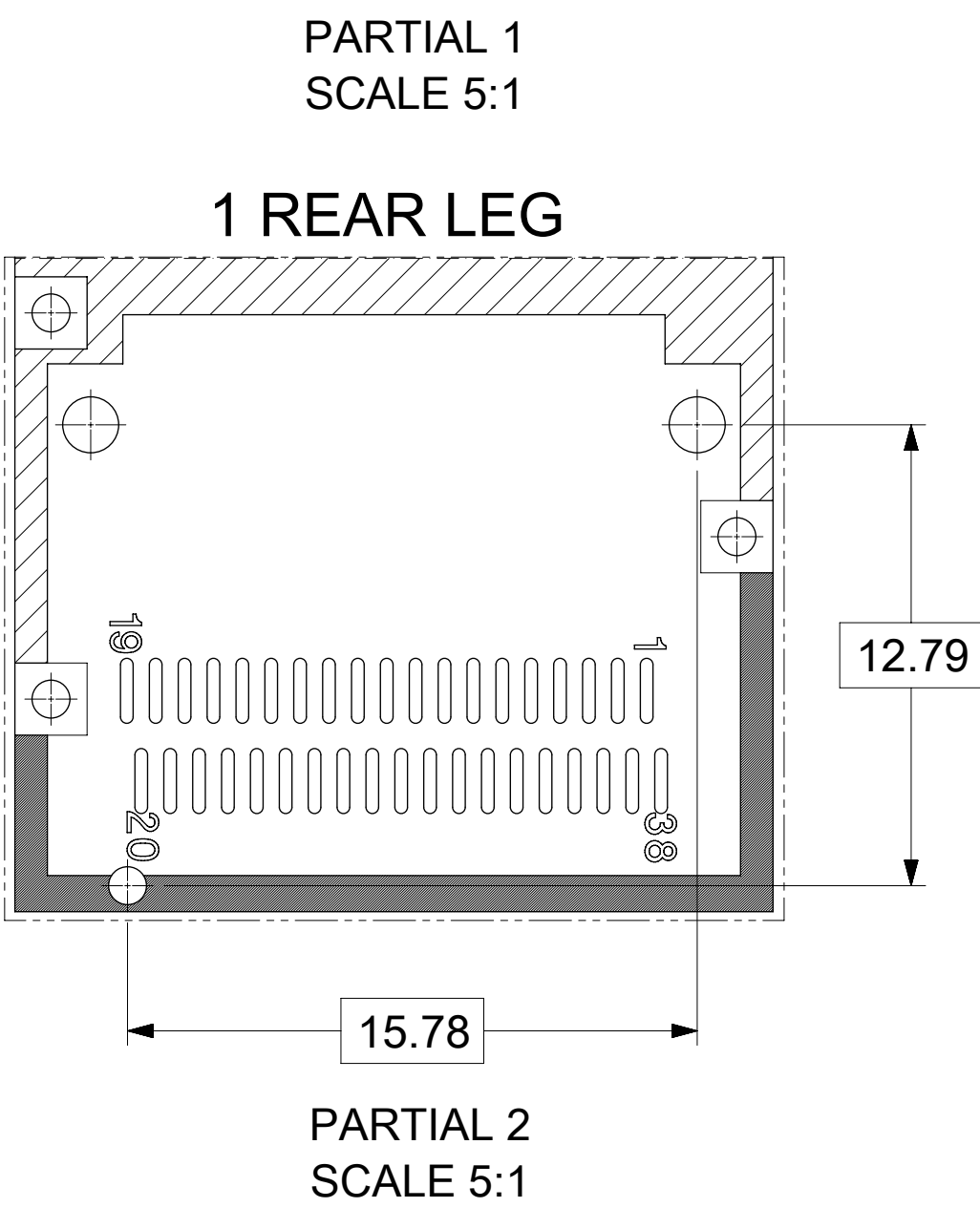
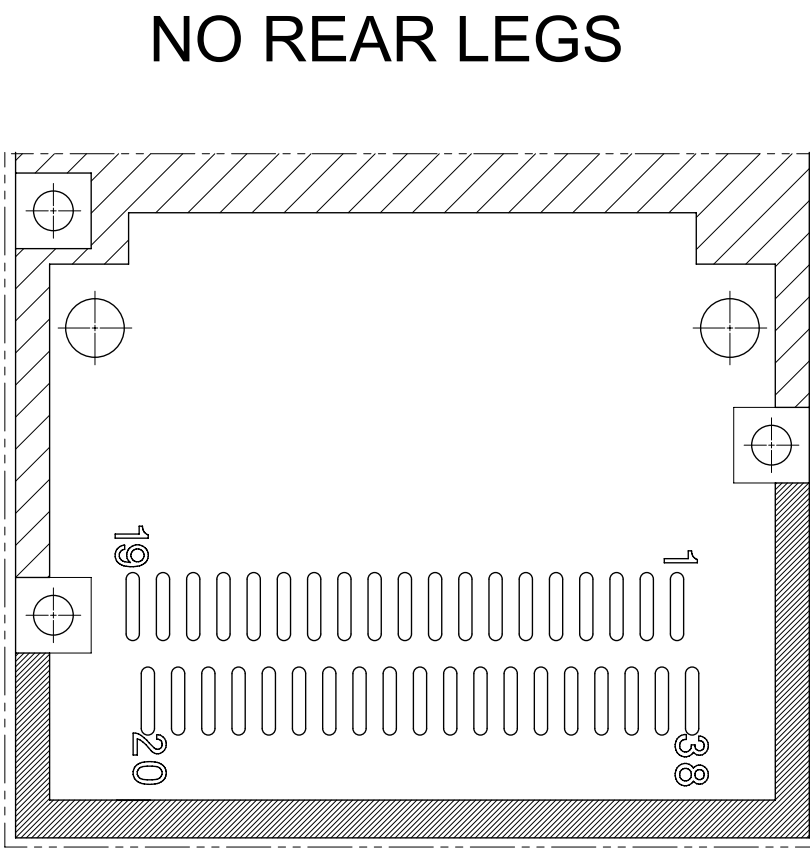
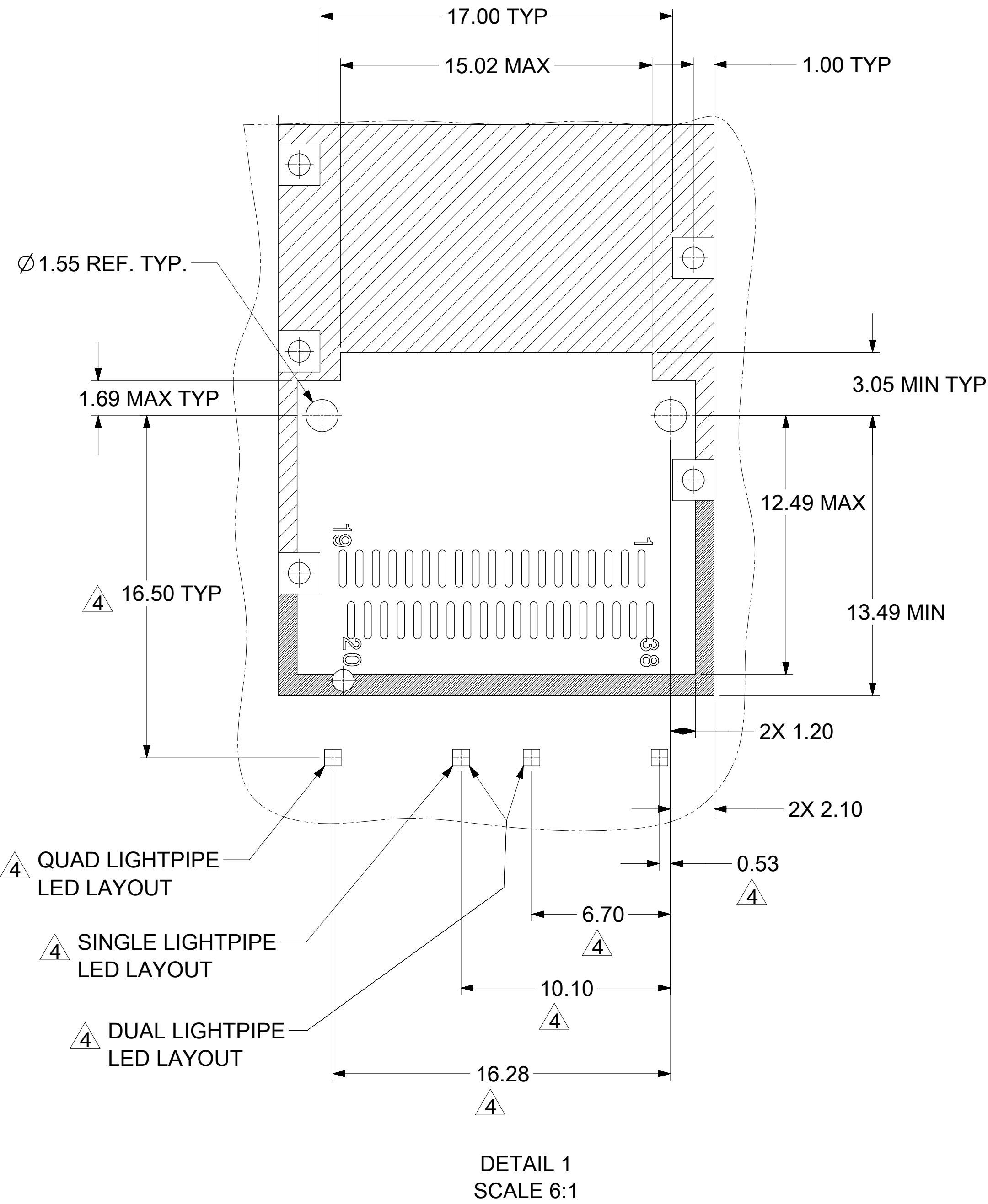
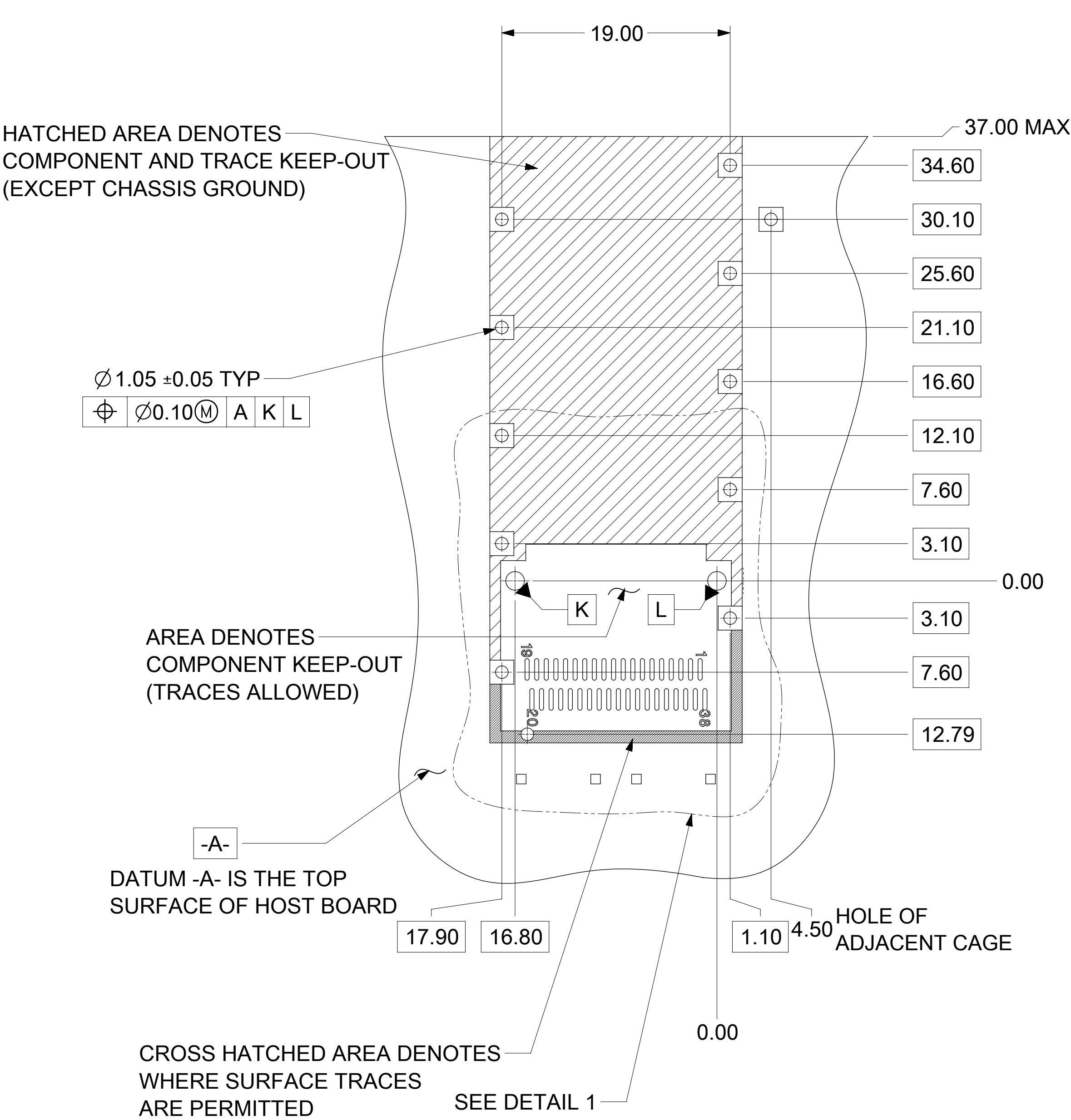
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19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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PCB LAYOUT FOR SINGLE SIDED MOUNTING

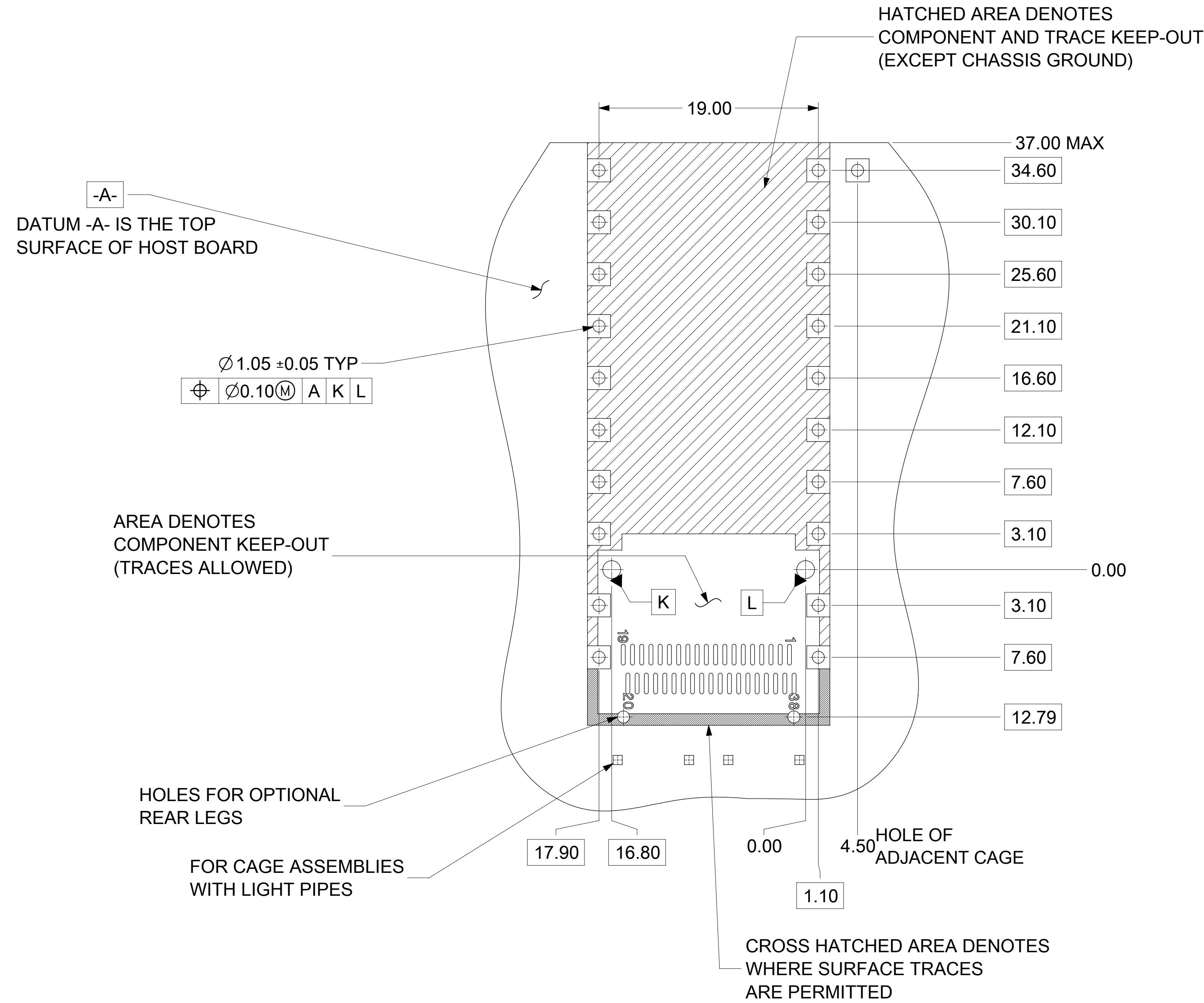


- NOTES:
1. PADS AND VIAS GO TO CHASSIS GROUND. (RECOMMENDED PADS TO BE 2.00mm SQUARE.)
 2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
 3. CONNECTOR PAD LAYOUT PER SFF-8663 WILL ACCOMODATE MOLEX CONNECTOR SERIES 170432.
 4. NOTED DIMENSIONS ONLY APPLY TO CAGE ASSEMBLIES WITH LIGHT PIPES.

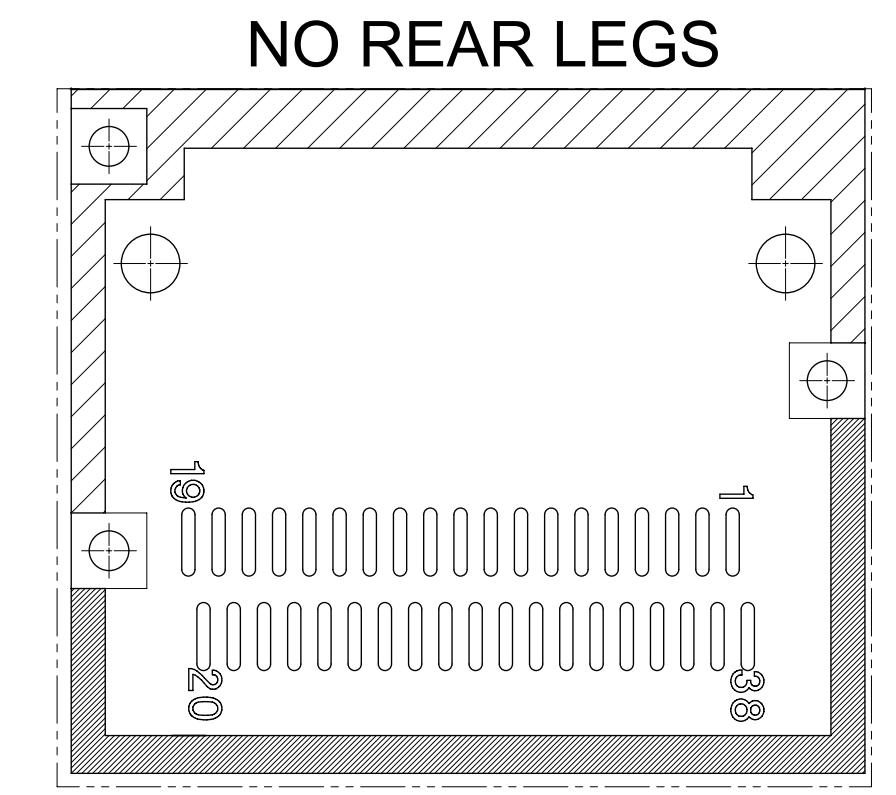
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE			molex				
	mm		3.5:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)							ZQSFP+ 1X1 CAGE ASSY'S W/ SUS TAB TYPE SPRING FINGER, H/S & L/P OPTIONS				
	ANGULAR TOL ± 2.0°											
DIVISIONAL SYMBOLS	4 PLACES		±		EC NO: 698842 DRWN: TKUMARKC 2022/02/17 CHK'D: TKUMARKC 2022/03/16 APPR: JCHIANG 2022/03/28			PRODUCT CUSTOMER DRAWING				
	3 PLACES		±					DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	2 PLACES		± 0.15					1000143200		PSD	ASY	A
	1 PLACE		± 0.25		INITIAL REVISION: DRWN: TKUMARKC 2022/02/17 APPR: JCHIANG 2022/03/28			SHEET NUMBER				
	0 PLACES		±					GENERAL MARKET		4 OF 7		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER	
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DOCUMENT STATUS	P1	RELEASE DATE	2022/03/28	08:56:17
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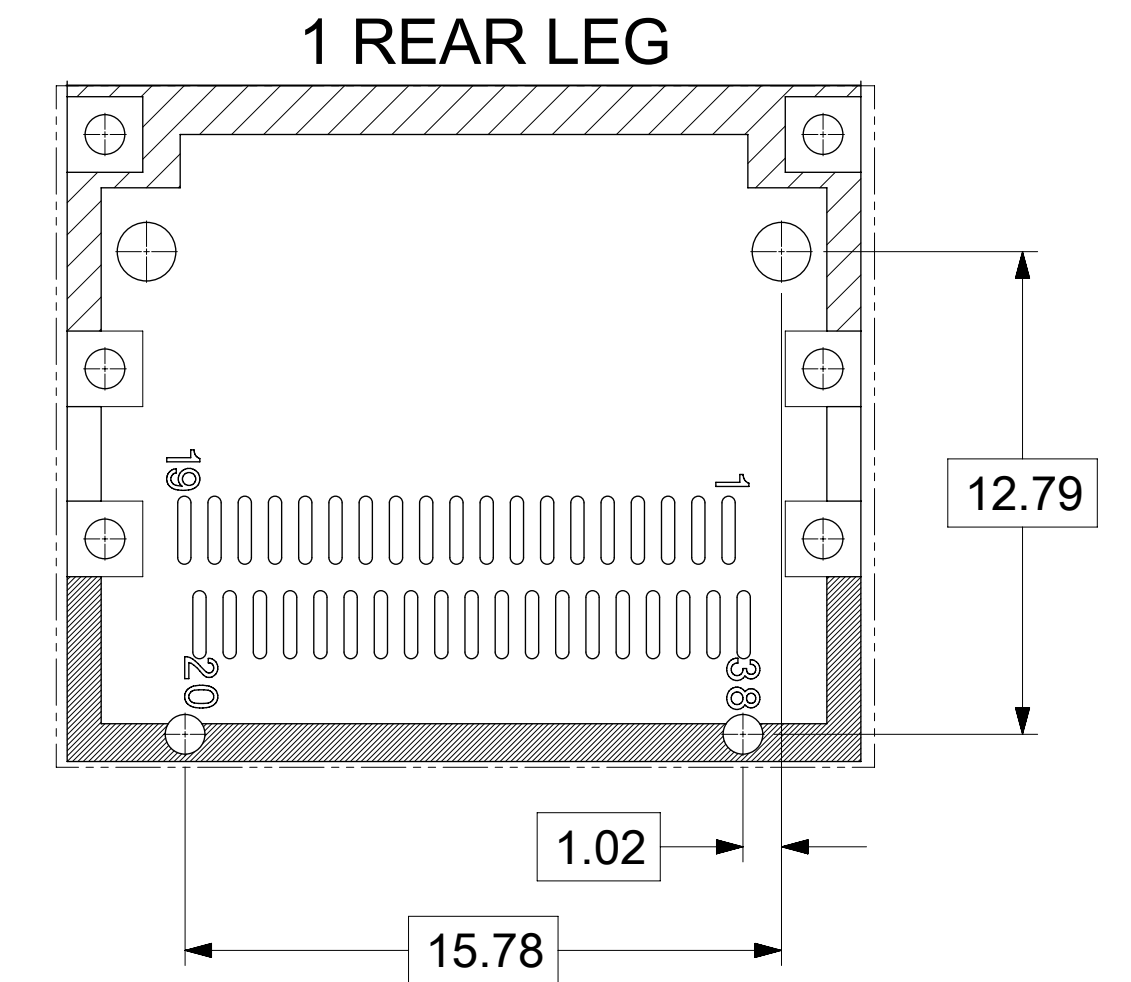
PCB LAYOUT FOR BELLY TO BELLY MOUNTING



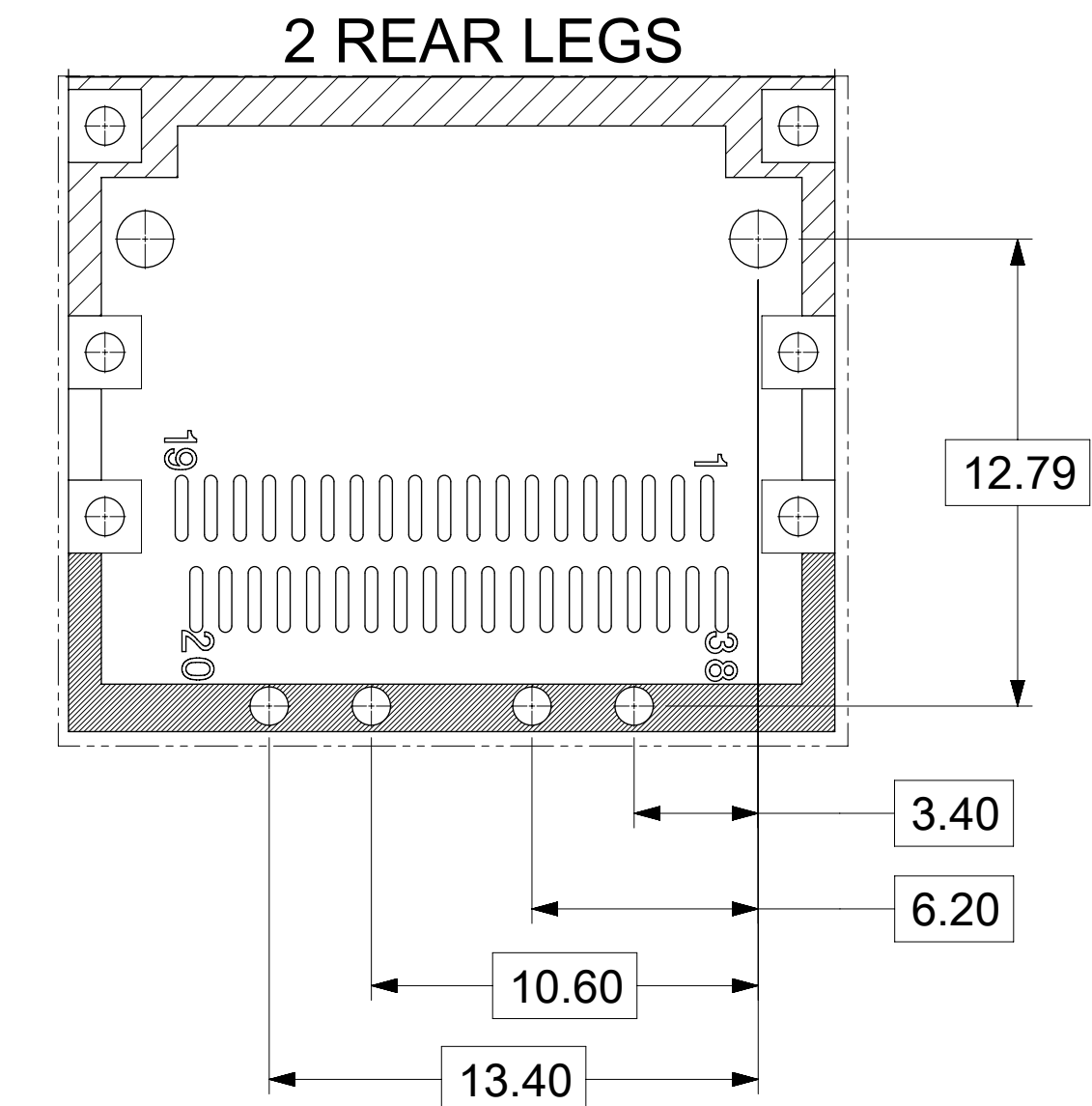
NOTE:
SEE SHEET 4 FOR
HOST CONNECTOR DETAIL
AND LED LOCATION DETAILS



PARTIAL 1
SCALE 5:1



PARTIAL 5
SCALE 5:1



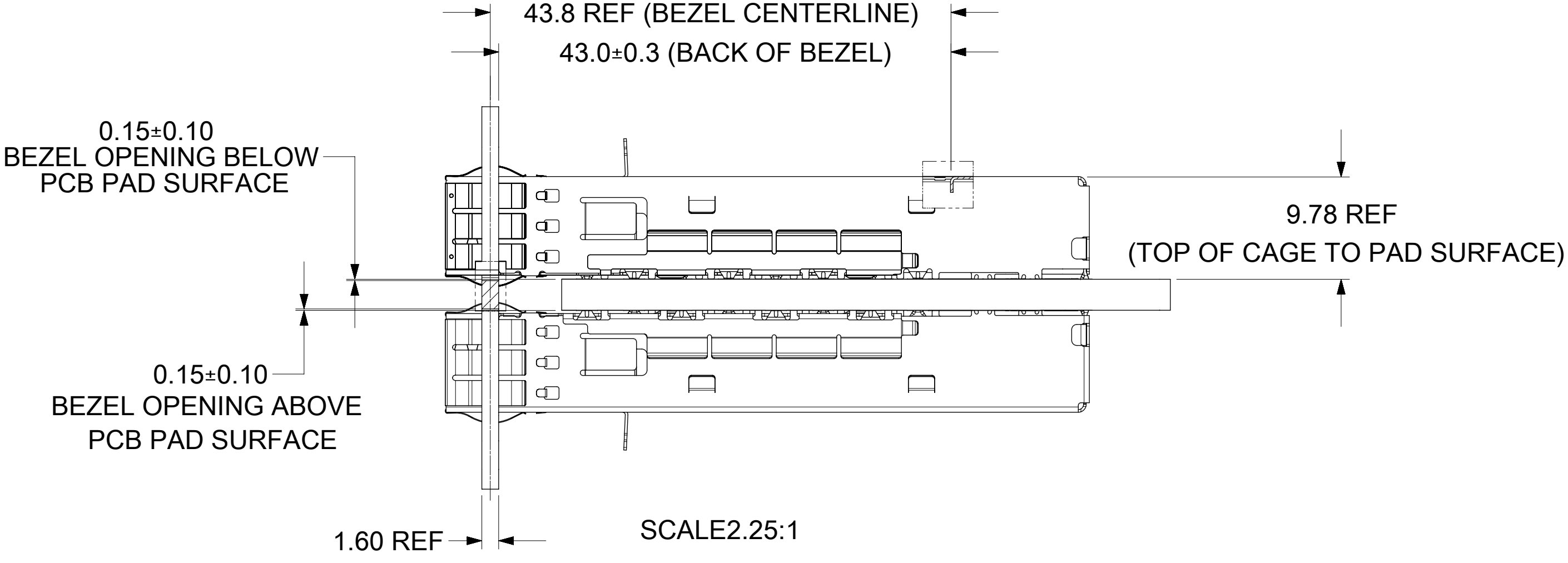
PARTIAL 6
SCALE 5:1

NOTES:

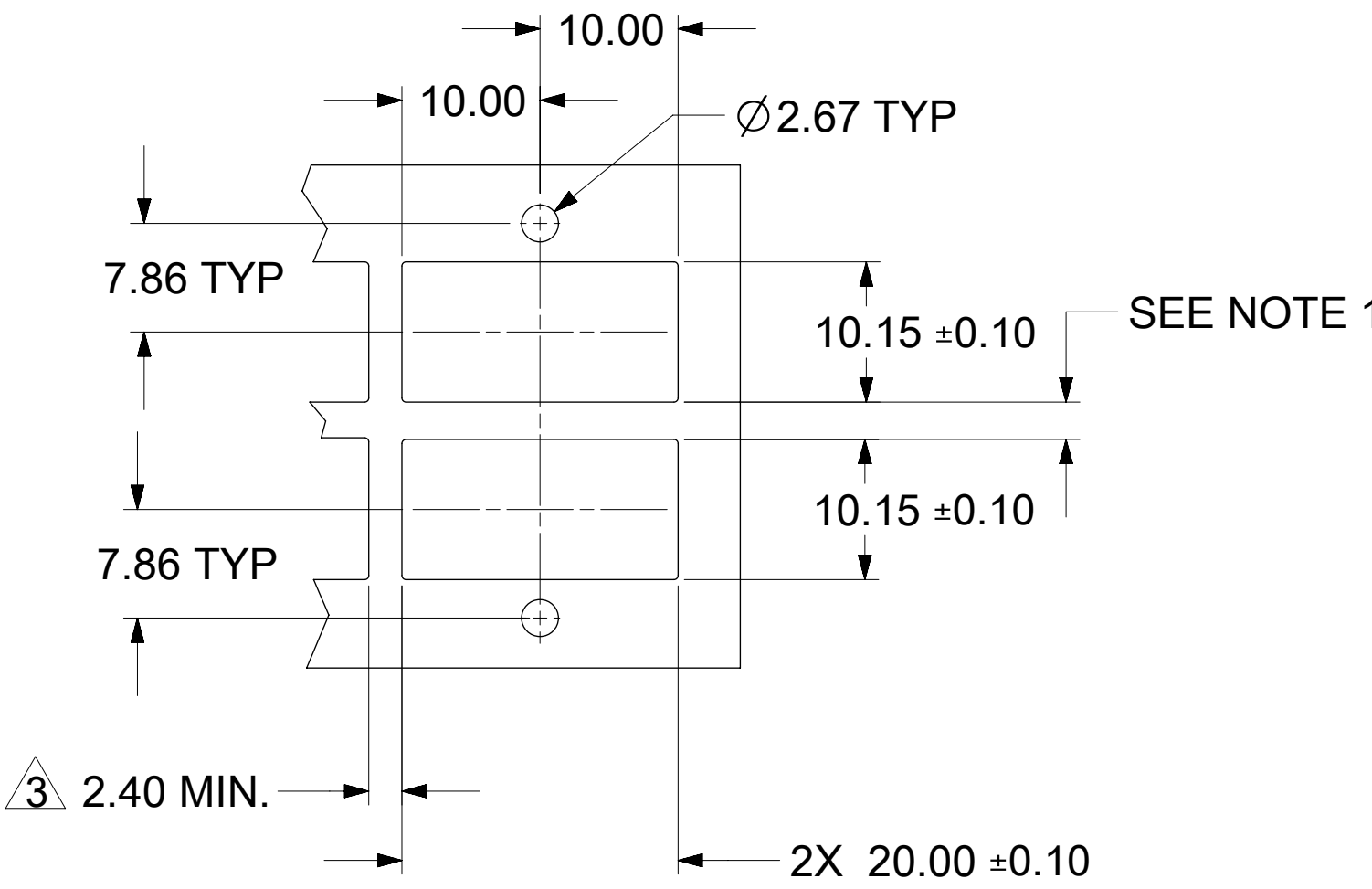
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FUNCTIONAL SYMBOLS <

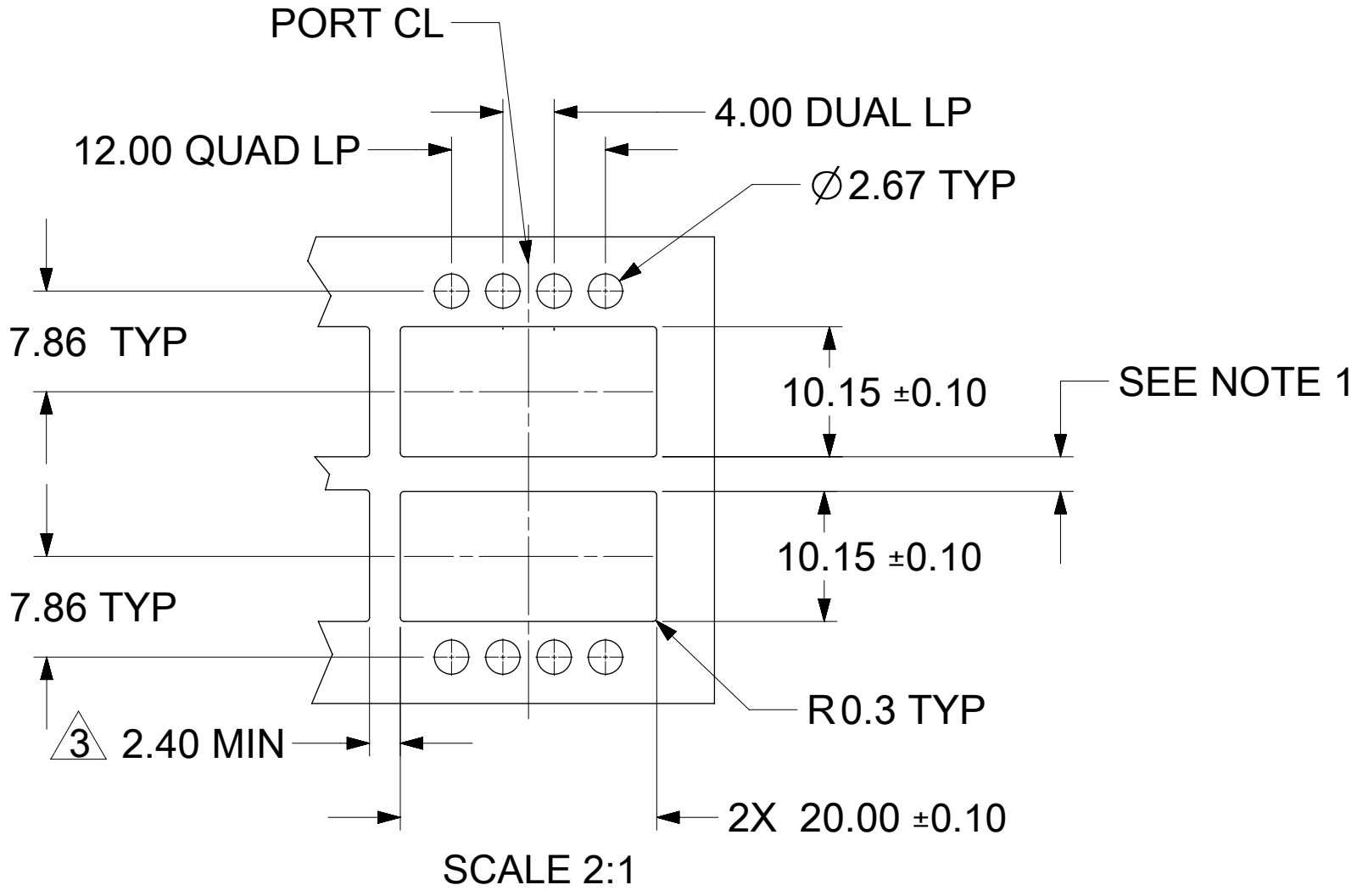
BEZEL AND BOARD POSITION DIMENSIONS
FOR BELLY TO BELLY MOUNTING



SINGLE LIGHT PIPE ²

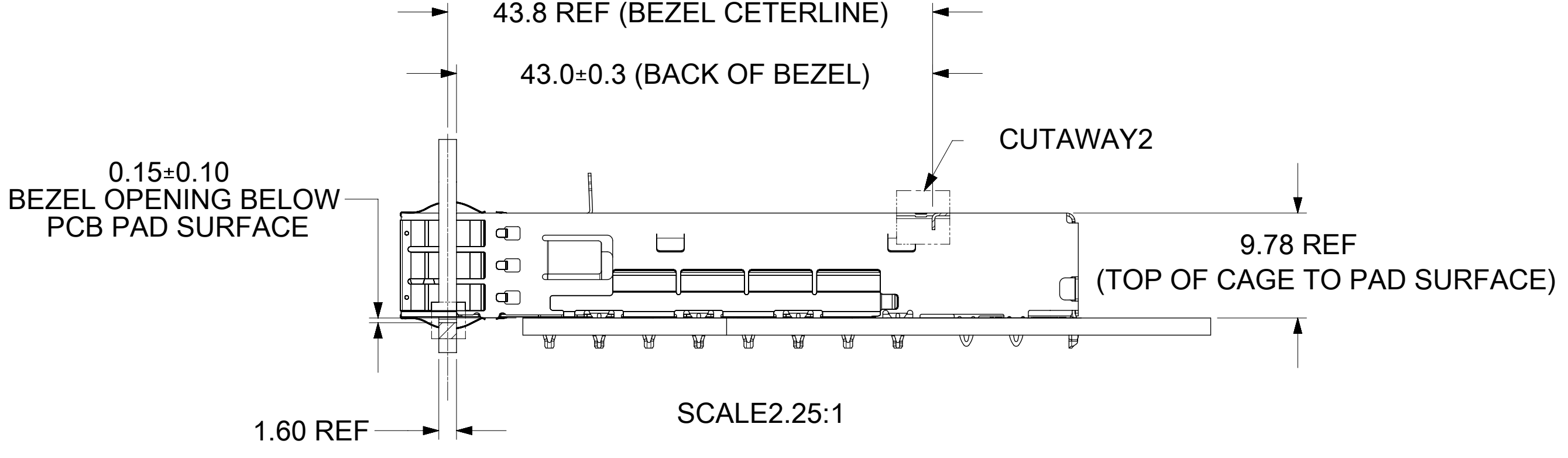


DUAL/QUAD LIGHT PIPE ²

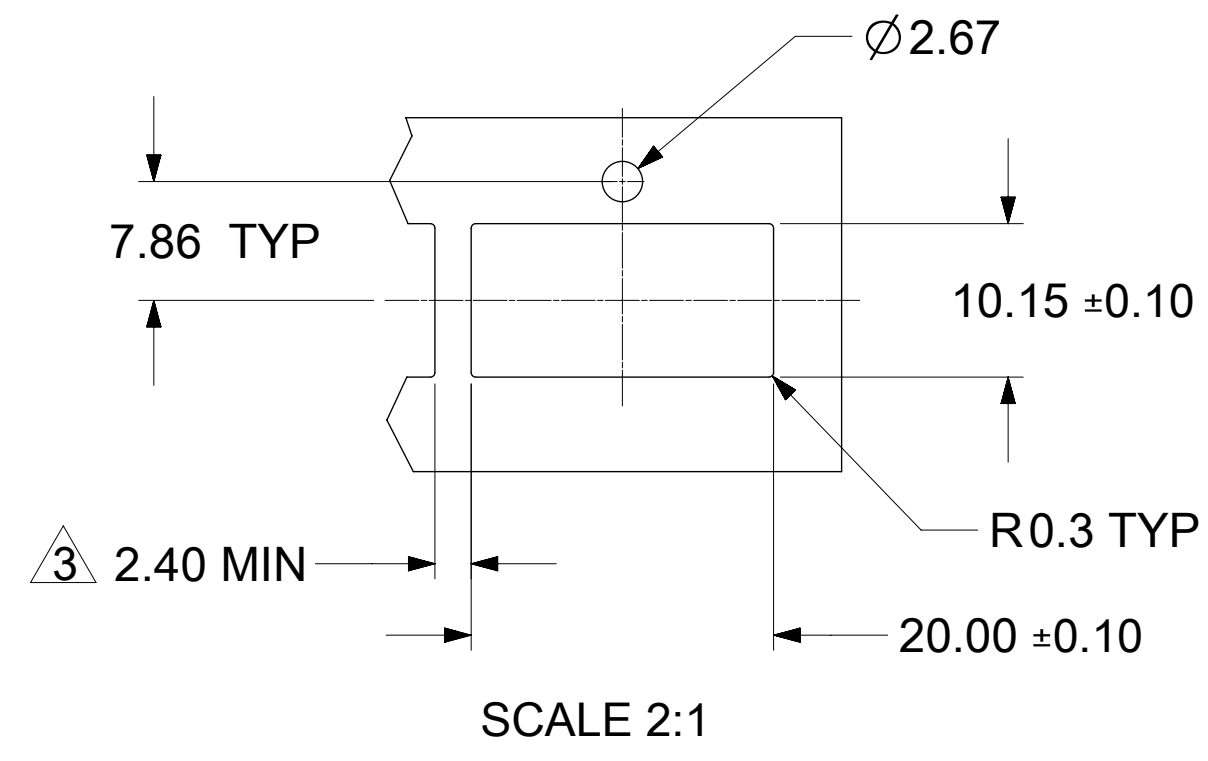


NOTE:
1. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMINING BEZEL OPENING LOCATION.
² NOTED DIMENSIONS ONLY APPLY TO CAGE ASSEMBLIES WITH LIGHT PIPES.
³ THIS DIMENSION IS FOR REFERENCE ONLY. USER CAN MODIFY UT DEPENDS ON APPLICATION.
(THIS DIMENSION VARIES BASED ON DISTANCE OF "HOLE OF ADJACENT CAGE" ON PCB LAYOUT.)

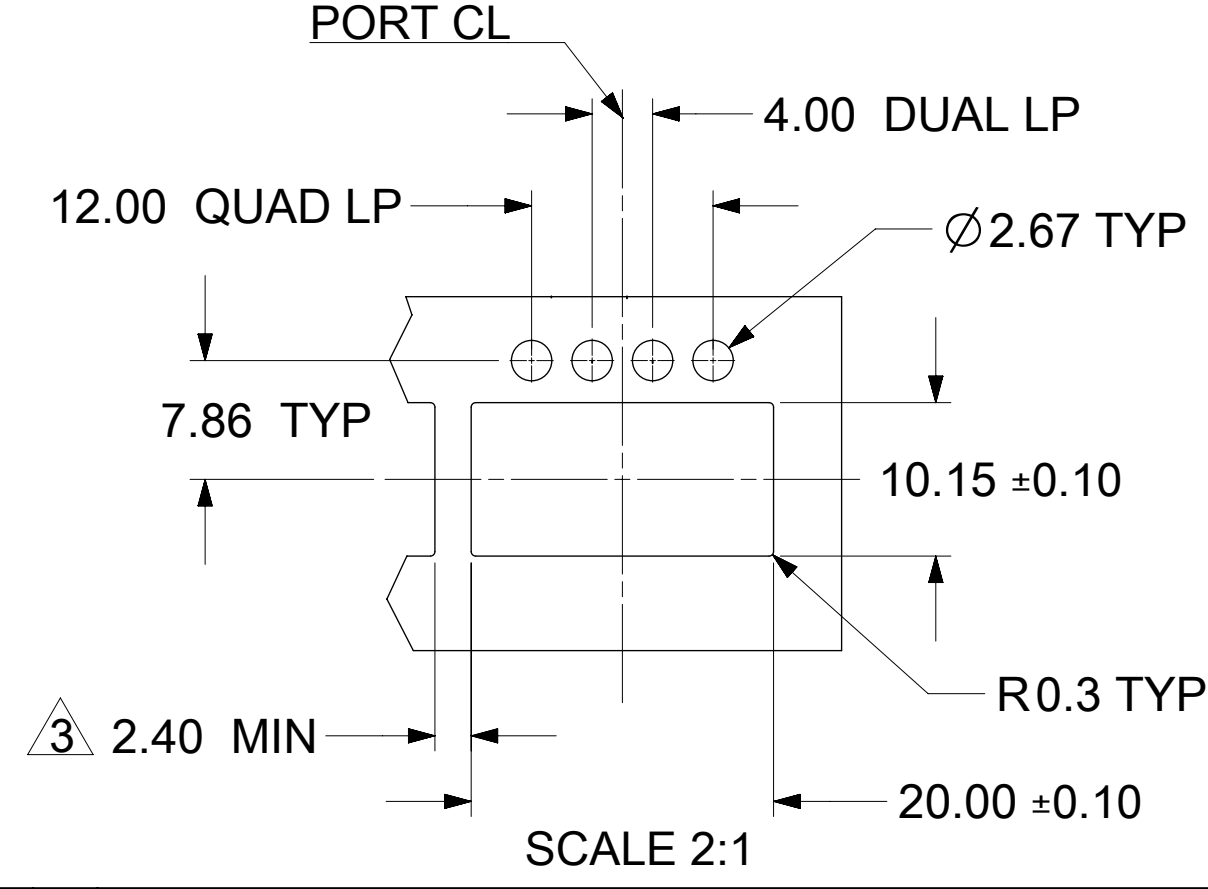
BEZEL AND BOARD POSITION DIMENSIONS
FOR SINGLE SIDE MOUNTING



SINGLE LIGHT PIPE ²



DUAL/QUAD LIGHT PIPE ²



FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
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														MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
																GENERAL MARKET		6 OF 7			

