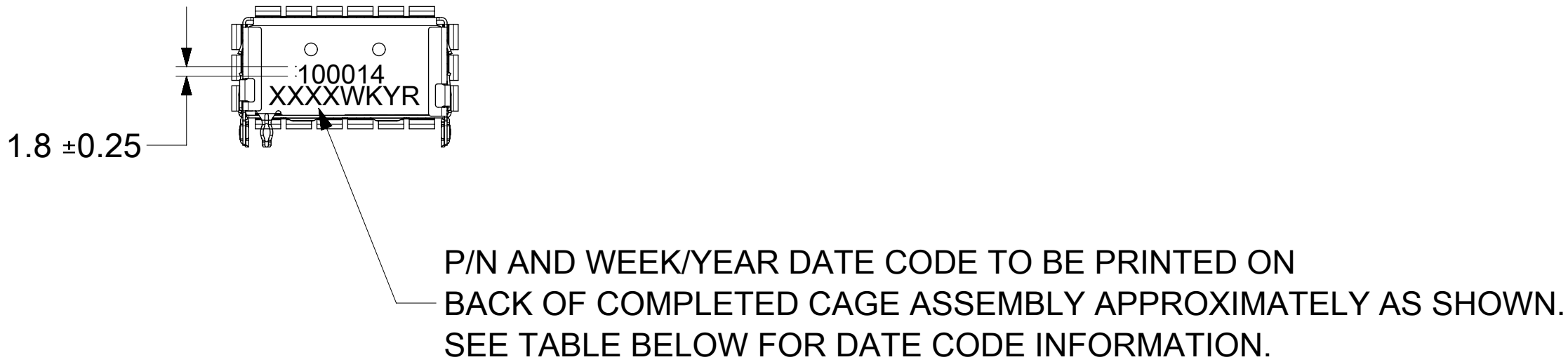
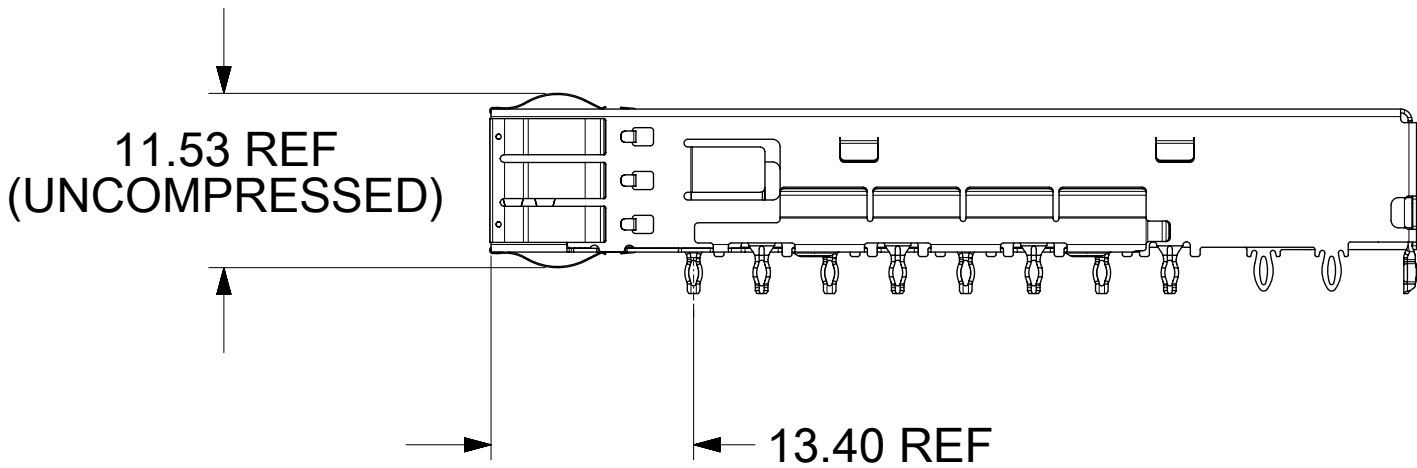
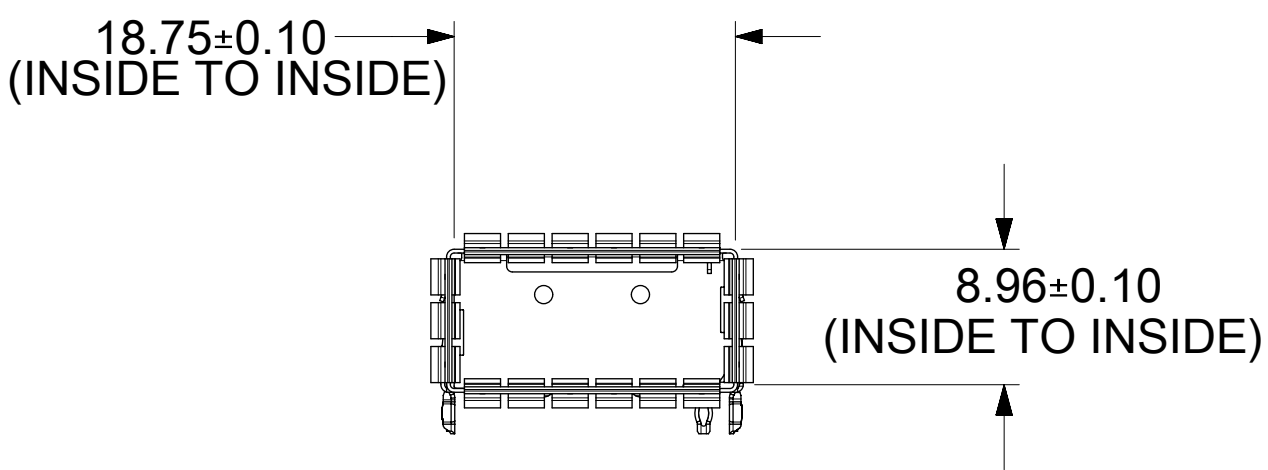
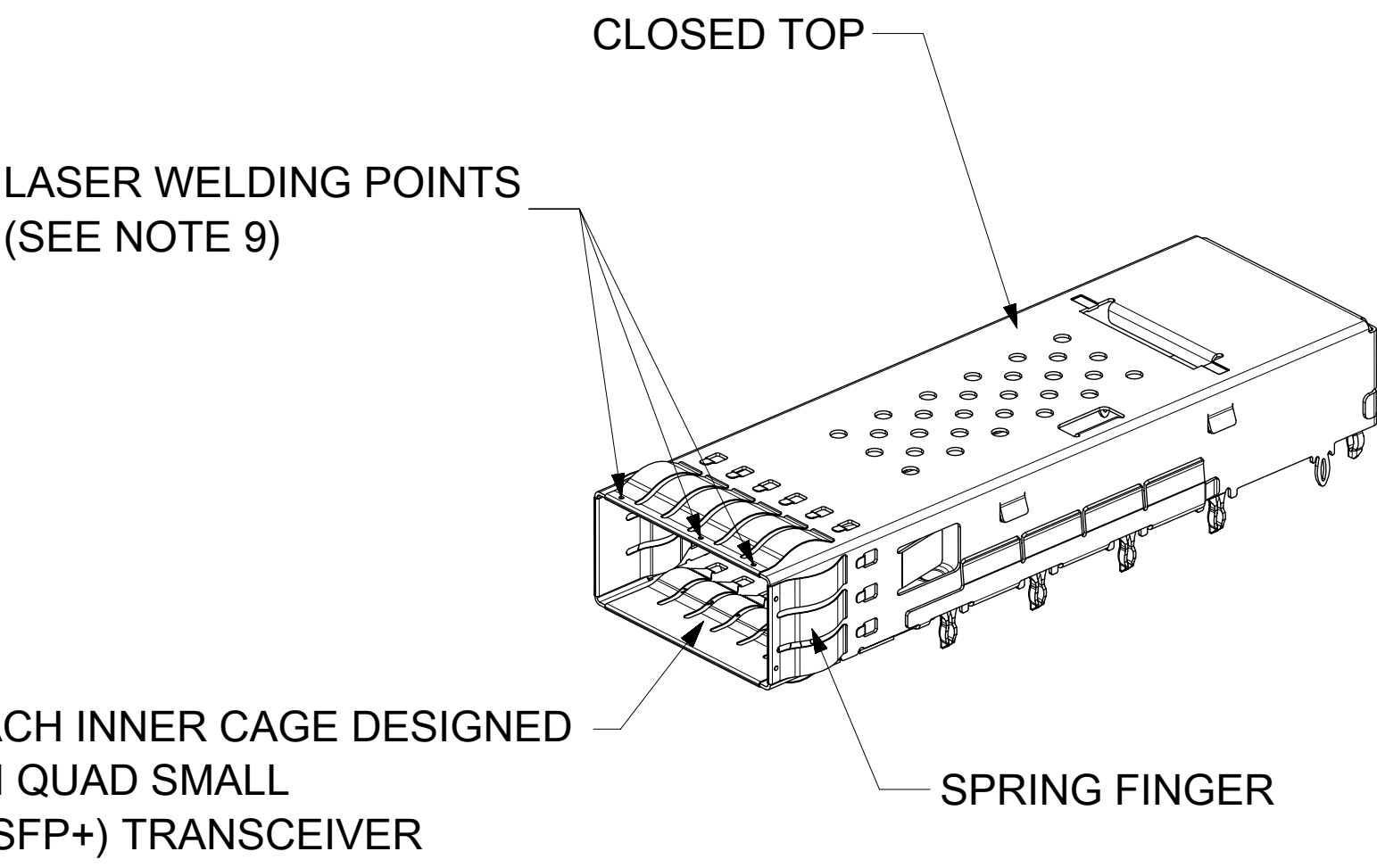
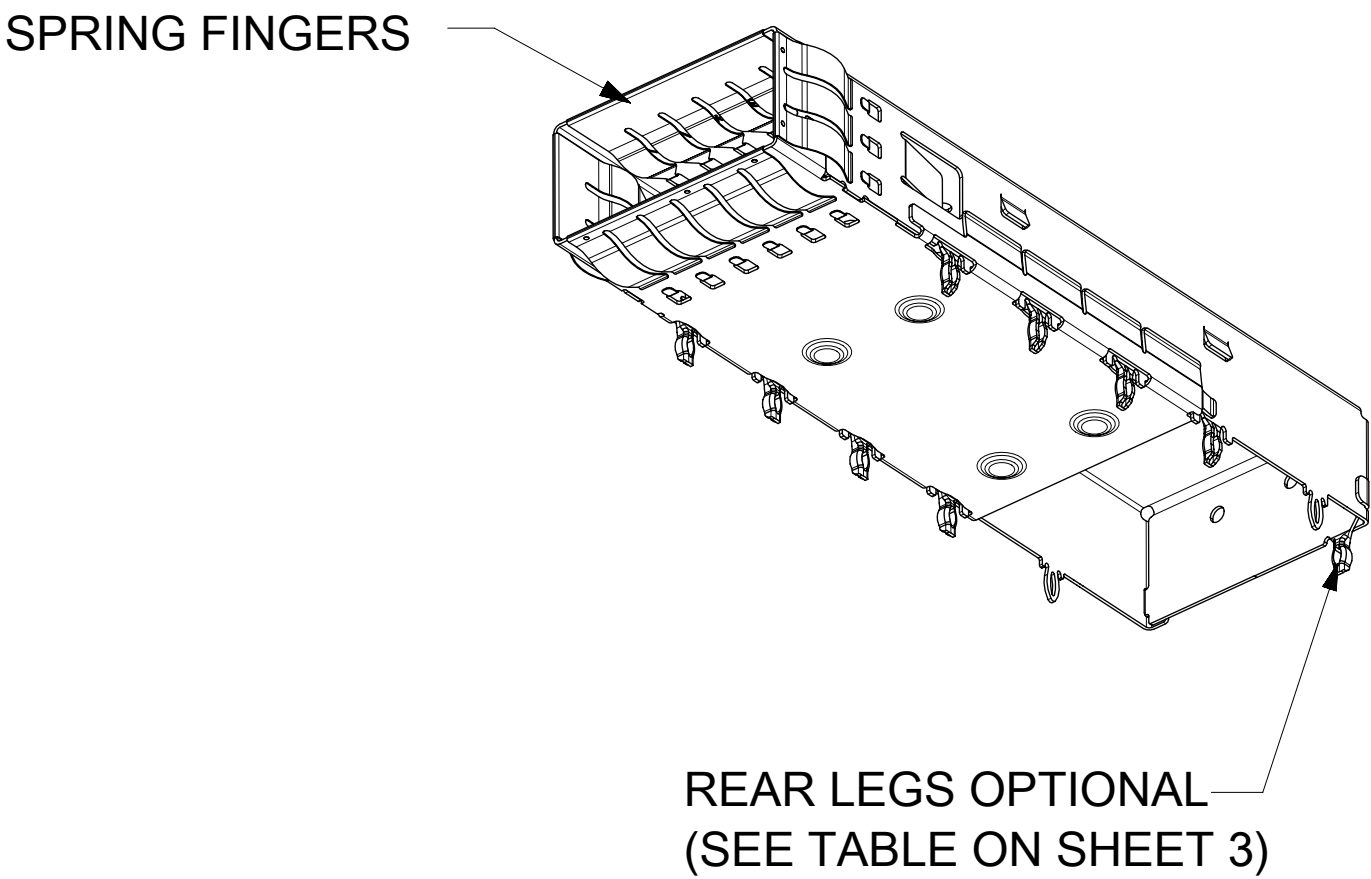
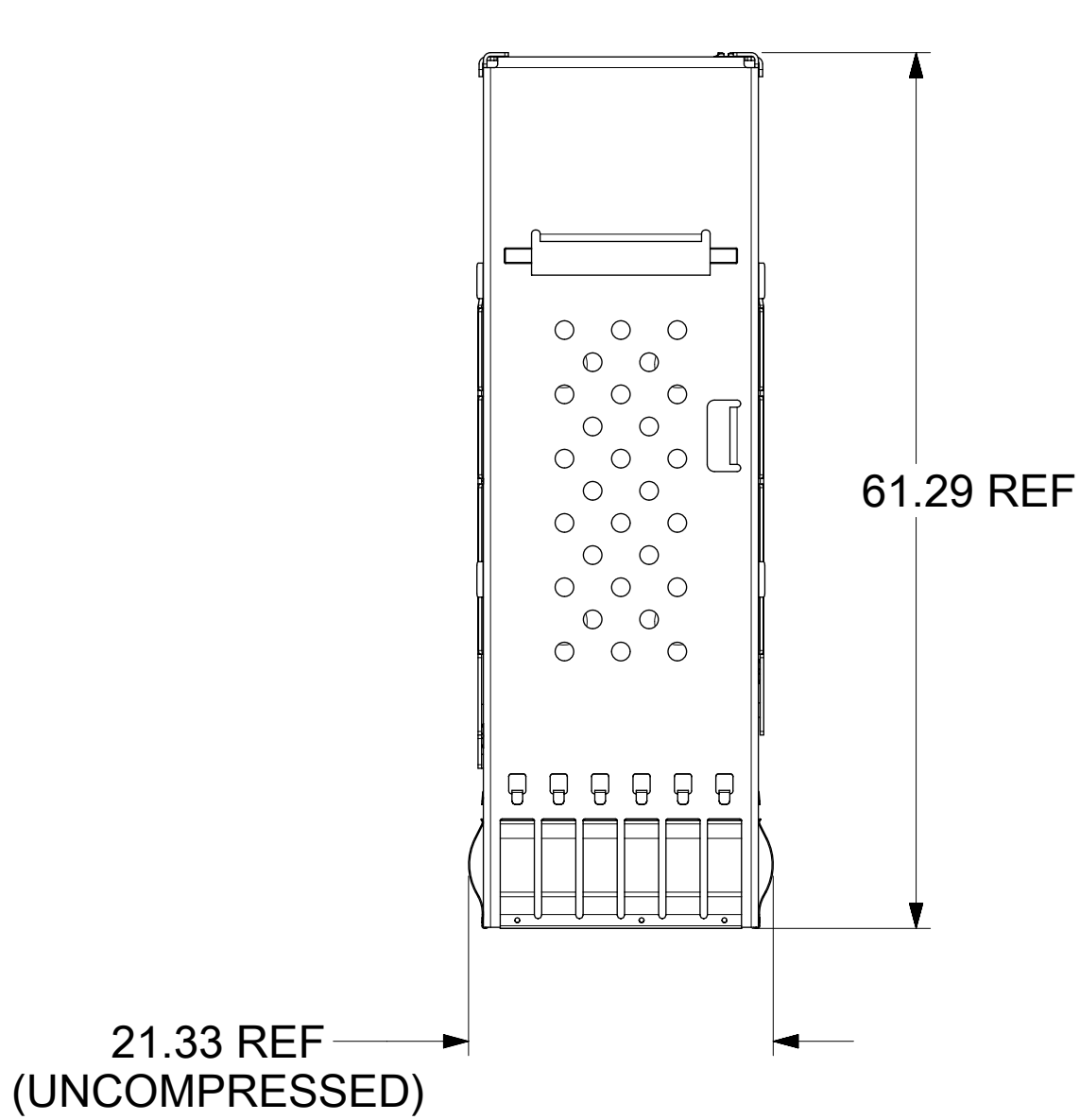


BASE CAGE DETAILS

1000143242

SHOWN

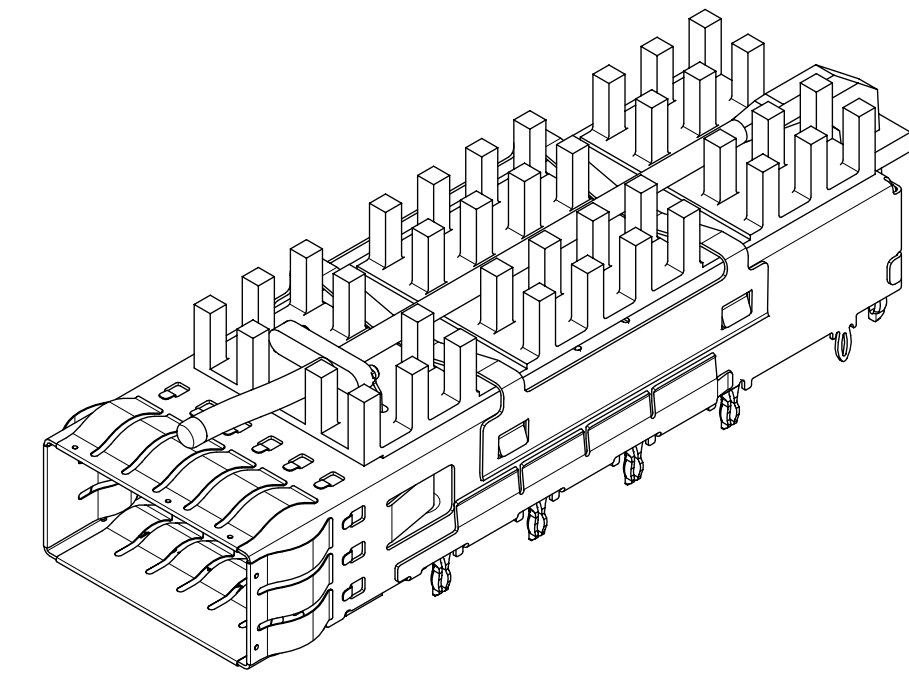
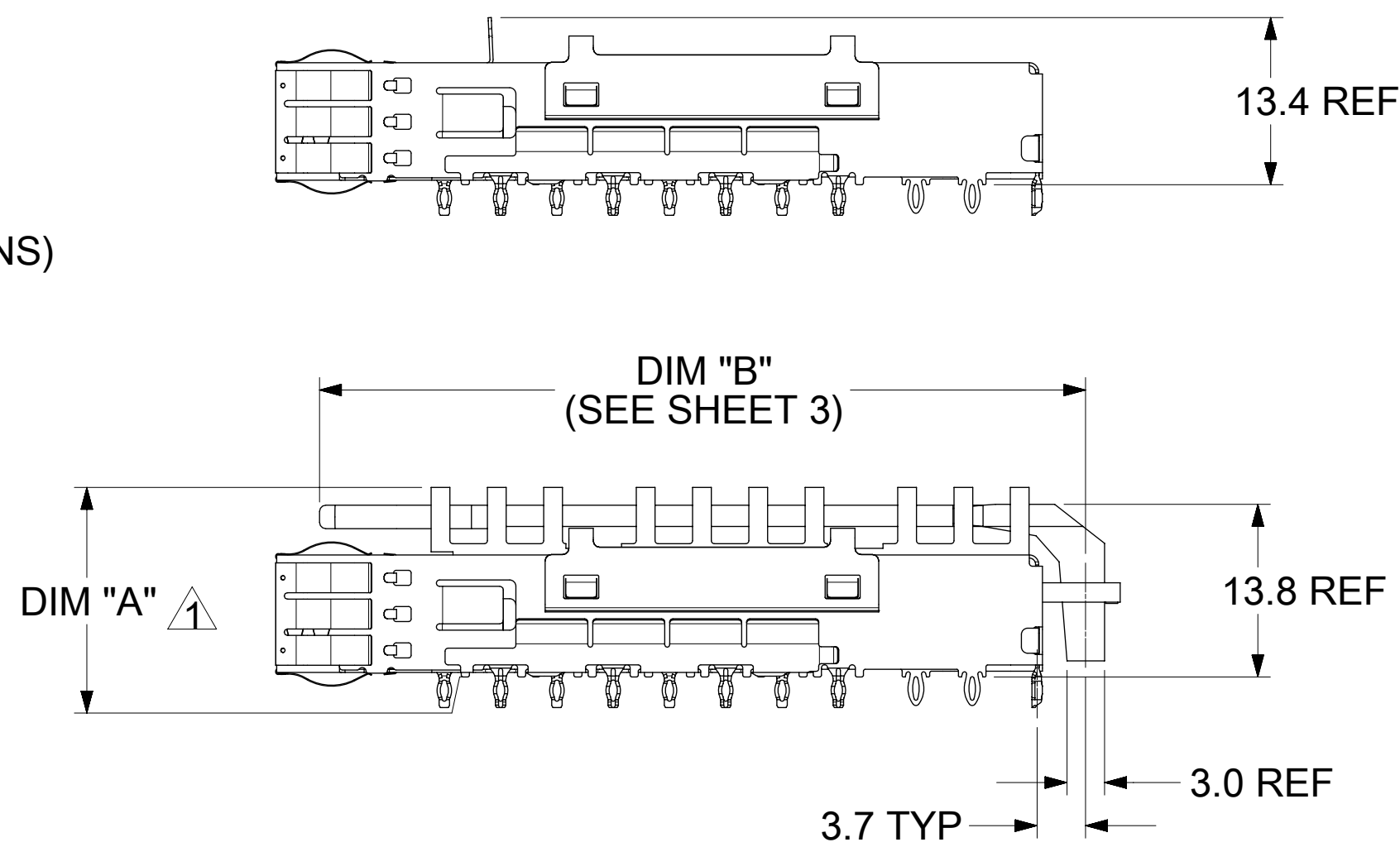


- NOTES:
- 1. MATERIAL: CAGE: STAINLESS STEEL
SPRING FINGERS: STAINLESS STEEL
HEAT SINKS: NICKEL PLATED ALUMINUM
HEAT SINK CLIP: STAINLESS STEEL
LIGHT PIPES: POLYCARBONATE (UL 94-V-0)
 - 2. DIMENSIONS MARKED  ARE CRITICAL TO FUNCTION OF THE PART AND MUST BE INSPECTED
 - 3. DRAWING APPLIES TO ALL P/N'S 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.

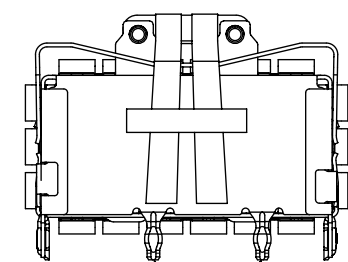
WEEK/YEAR DATE CODE TABLE																	
WK	WEEK OF THE YEAR 01 THRU 52 (EXAMPLE: 01= FIRST WEEK OF YEAR 52= LAST WEEK OF YEAR)																
YR	22, 23, 24 ETC.. (EXAMPLE: YEAR 2022= 22)																
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, 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														
	GENERAL TOLERANCES (UNLESS SPECIFIED)																
	ANGULAR TOL ± 2.0°																
	DIVISIONAL SYMBOLS	4 PLACES		±		EC NO: 698842				PRODUCT CUSTOMER DRAWING							
		3 PLACES		±		DRWN: TKUMARKC 2022/02/17											
		3 PLACES		±		CHK'D: TKUMARKC 2022/03/16											
		2 PLACES		± 0.15		APPR: JCHIANG 2022/03/28											
		DIVISIONAL SYMBOLS	1 PLACE		± 0.25		INITIAL REVISION:				DOCUMENT NUMBER 1000143200						
0 PLACES			±		DRWN: TKUMARKC 2022/02/17												
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	

DOCUMENT STATUS	P1	RELEASE DATE	2022/03/28	08:56:17
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SHOWN



REAR LEG OPTIONS

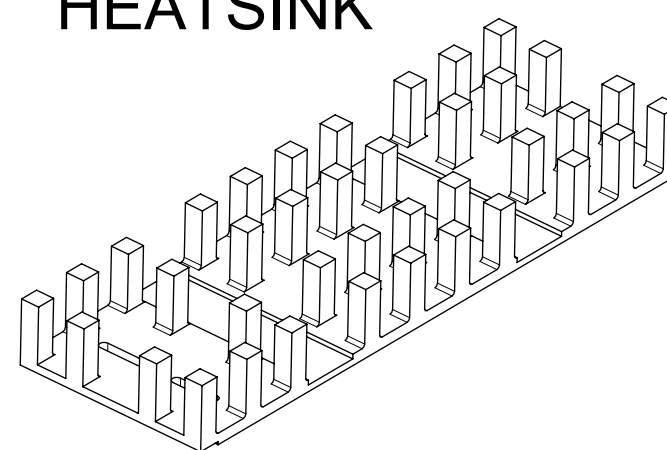


2 REAR LEGS

SINGLE / DUAL LIGHT PIPE

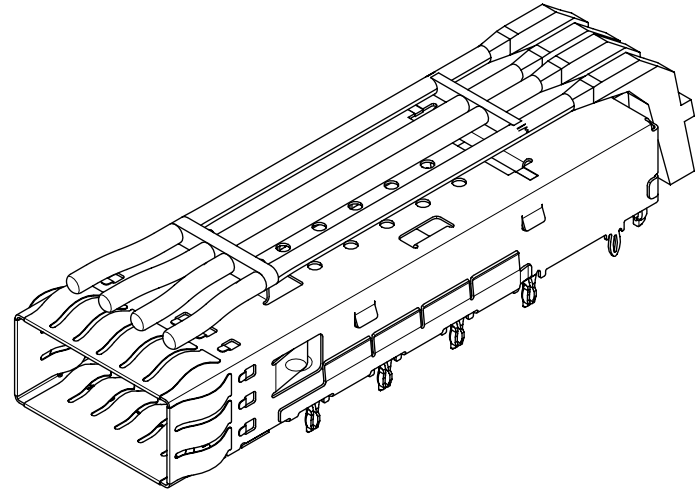


QUAD LIGHT PIPE

[illegible]

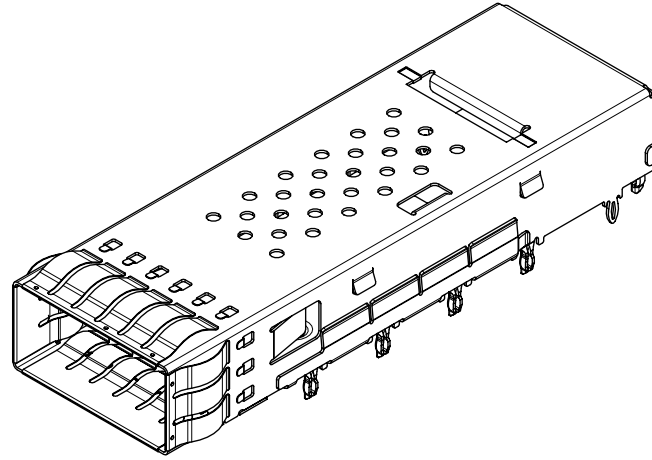
PART NUMBER SELECTION

NO HEATSINKS
WITH LIGHT PIPES
CLOSED TOP



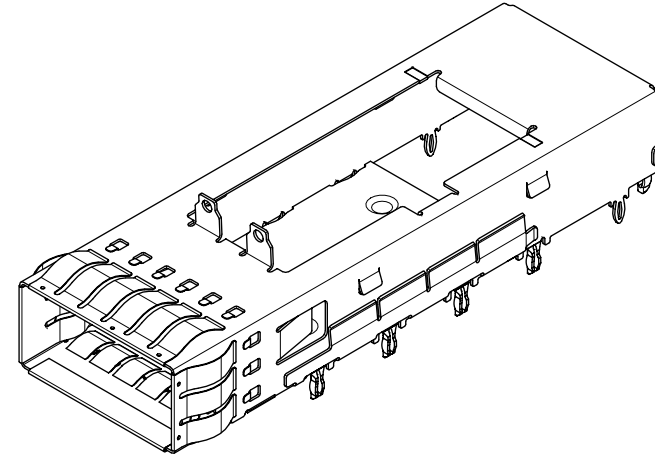
MOLEX P/N	LIGHT PIPES	#OF REAR LEGS PER PORT	DIM "B'
1000143235	QUAD	0	61.07 REF

NO HEATSINKS
NO LIGHT PIPES
CLOSED TOP



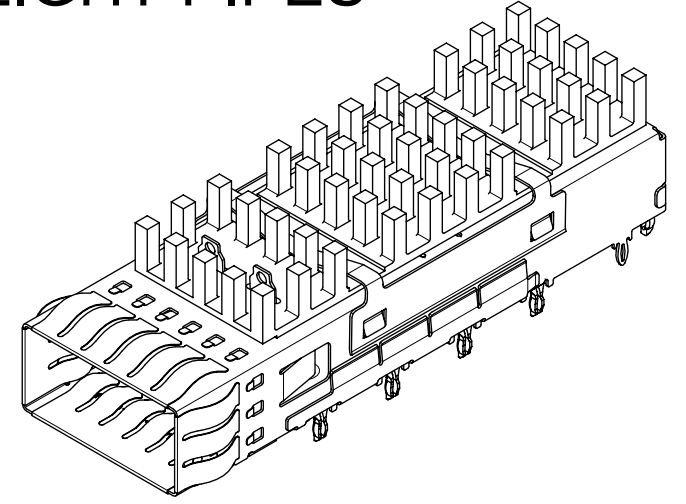
MOLEX P/N W/ SPRING FINGERS	#OF REAR LEGS PER PORT
1000143240	0
1000143242	1

NO HEATSINKS
NO LIGHT PIPES
OPEN TOP



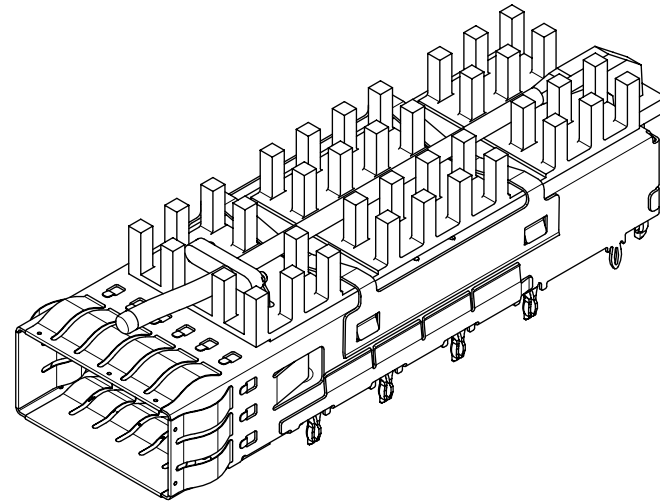
MOLEX P/N W/ SPRING FINGERS	#OF REAR LEGS PER PORT	LP TAB FEATURE
1000143250	0	YES
1000143252	1	YES

WITH HEATSINKS
NO LIGHT PIPES

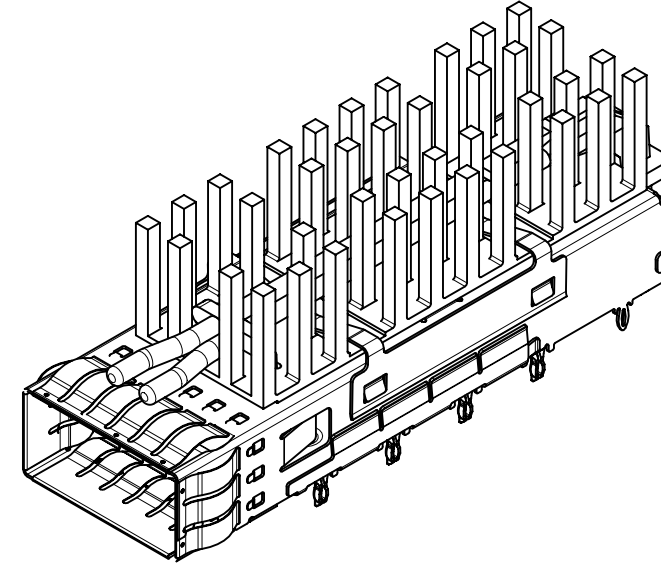


MOLEX P/N	HEATSINKS	#OF REAR LEGS PER PORT
1000143340	PCI	0
1000143341	SAN	0
1000143342	NET	0
1000143343	PCI	1
1000143344	SAN	1
1000143345	NET	1
1000143346	PCI	2

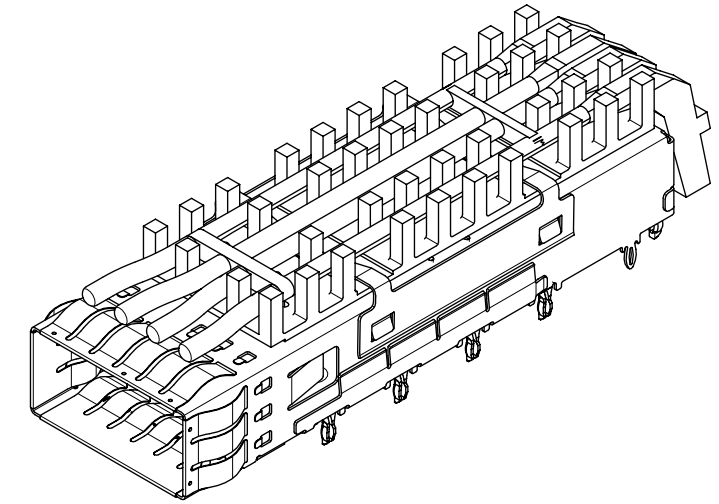
SINGLE LIGHT PIPE



DUAL LIGHT PIPE



QUAD LIGHT PIPE



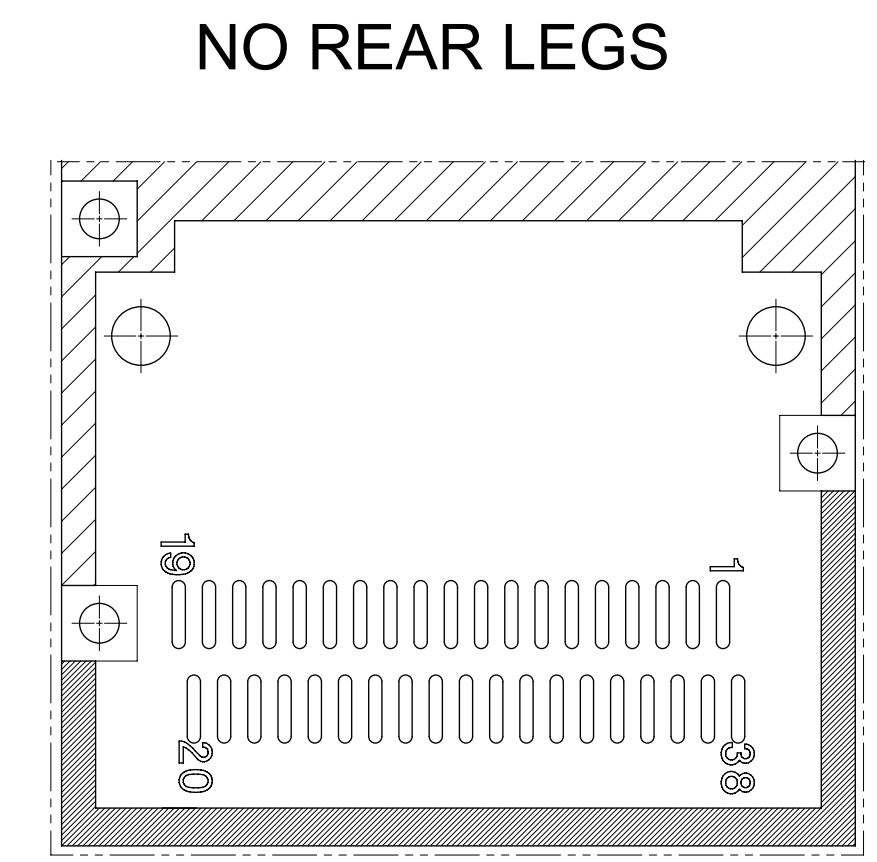
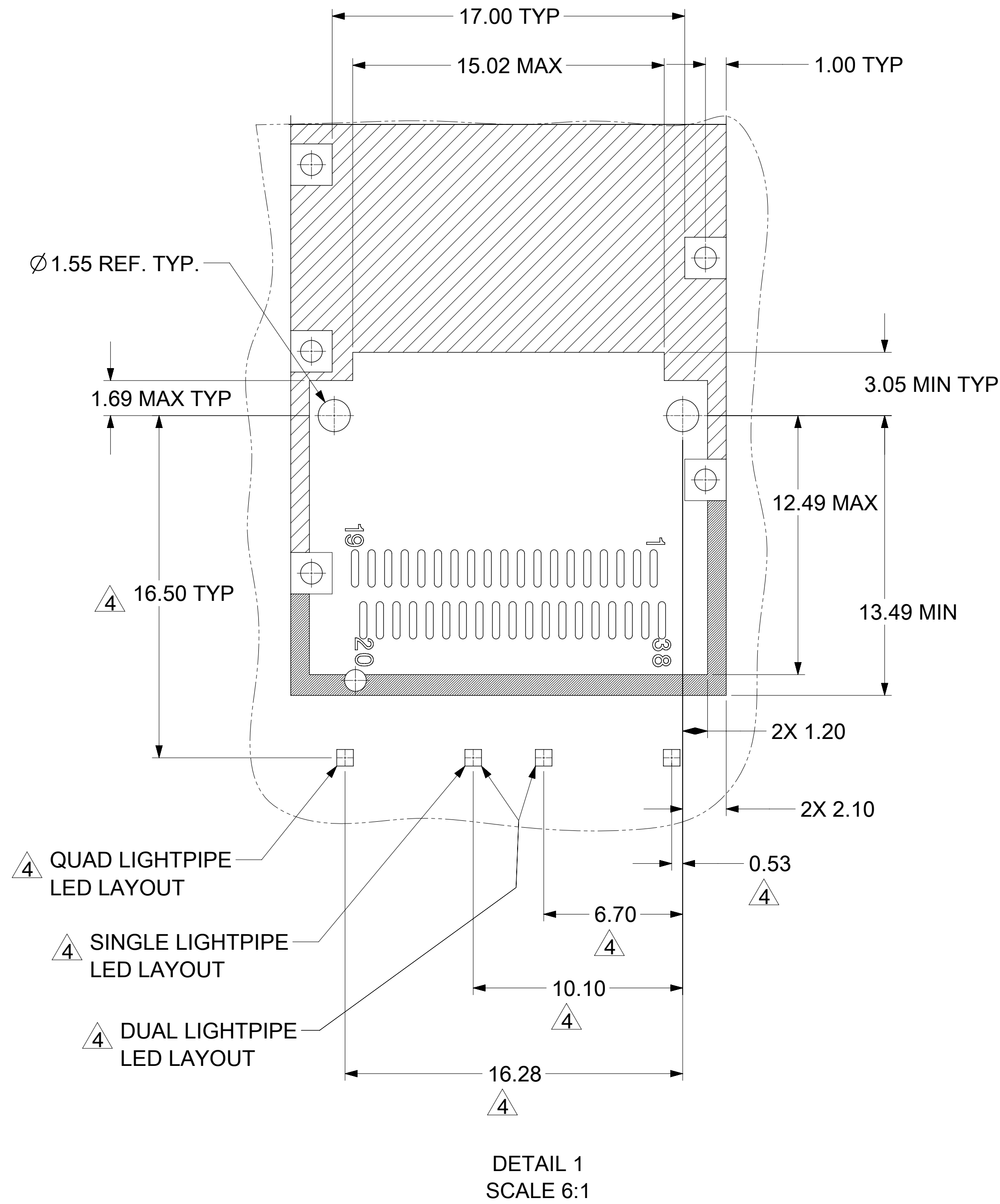
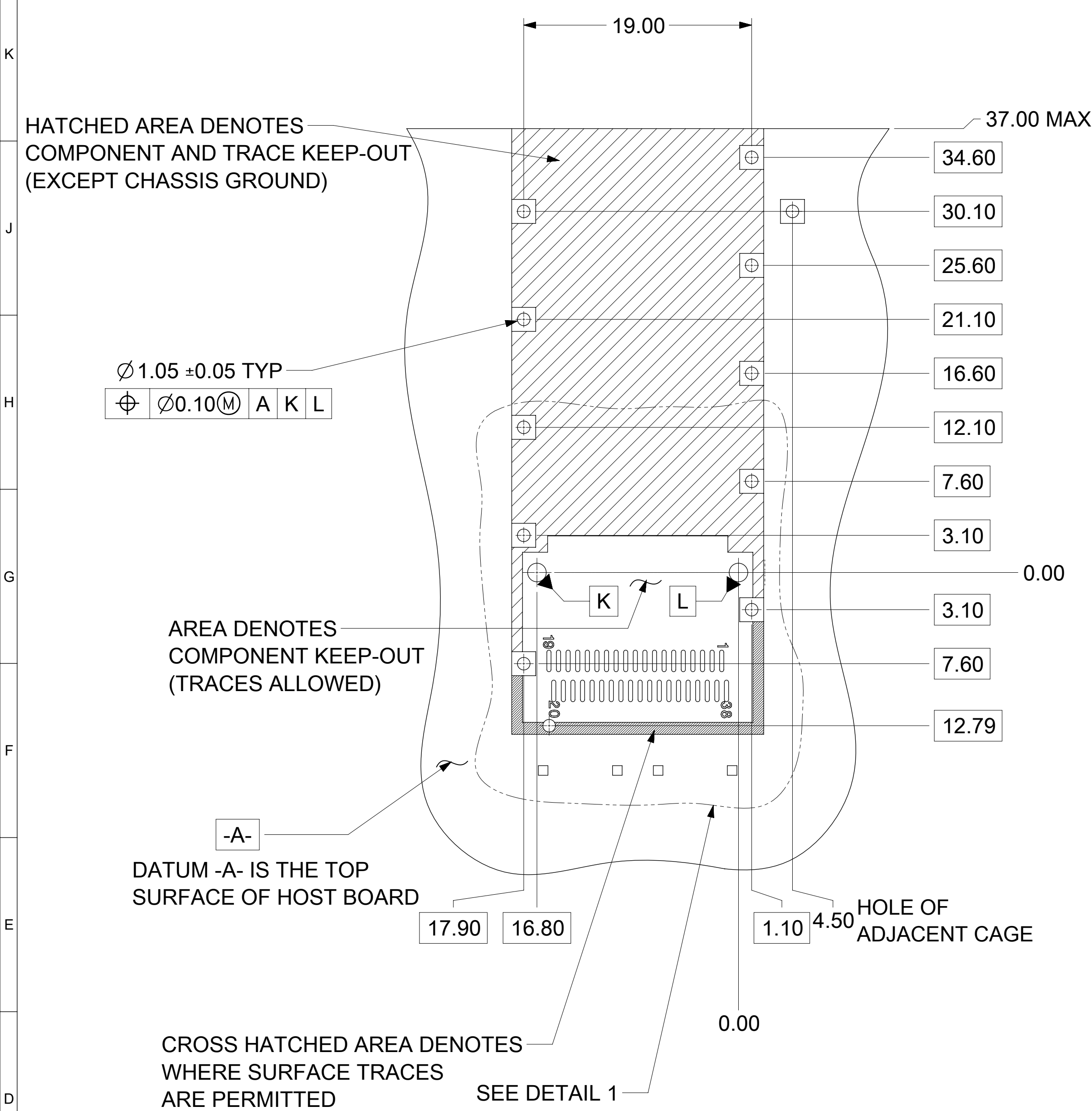
WITH HEATSINKS AND LIGHT PIPES

MOLEX P/N	LIGHTPIPES	HEATSINKS	#OF REAR LEGS PER PORT	DIM "B"
1000143442	SINGLE	NET	0	61.07 REF
1000143443	DUAL	PCI	0	61.07 REF
1000143445	DUAL	NET	0	61.07 REF
1000143447	QUAD	SAN	0	61.07 REF
1000149448	QUAD	NET	0	61.07 REF
1000143541	SINGLE	SAN	1	61.07 REF
1000143542	SINGLE	NET	1	61.07 REF
1000149547	QUAD	SAN	1	61.07 REF
1000143548	QUAD	NET	1	61.07 REF
1000143646	QUAD	PCI	2	61.07 REF

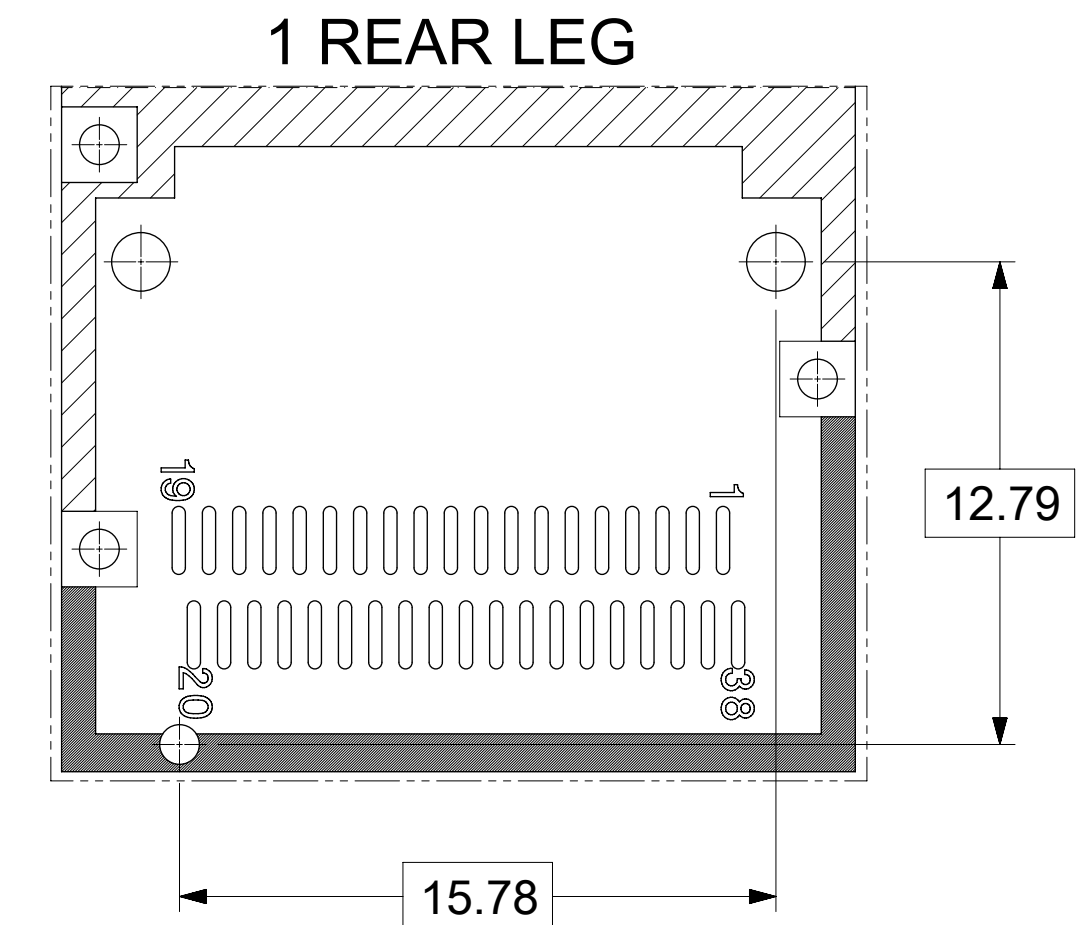
FUNCTIONAL SYMBOLS A = 0 E = 0 B = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
	DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE			molex ZQSFP+ 1X1 CAGE ASSY'S W/ SUS TAB TYPE SPRING FINGER, H/S & L/P OPTIONS						
	mm		1.5:1											
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 698842 DRWN: TKUMARKC 2022/02/17 CHK'D: TKUMARKC 2022/03/16 APPR: JCHIANG 2022/03/28 INITIAL REVISION: DRWN: TKUMARKC 2022/02/17 APPR: JCHIANG 2022/03/28								PRODUCT CUSTOMER DRAWING	
	ANGULAR TOL ± 2.0 °													
	4 PLACES		±					DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION
	3 PLACES		±					1000143200		PSD		ASY		A
	2 PLACES		± 0.15											
	1 PLACE		± 0.25											
	0 PLACES		±		MATERIAL NUMBER		CUSTOMER			SHEET NUMBER				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		GENERAL MARKET		3 OF 7		
						D-SIZE		100014						

DOCUMENT STATUS	P1	RELEASE DATE	2022/03/28	08:56:17
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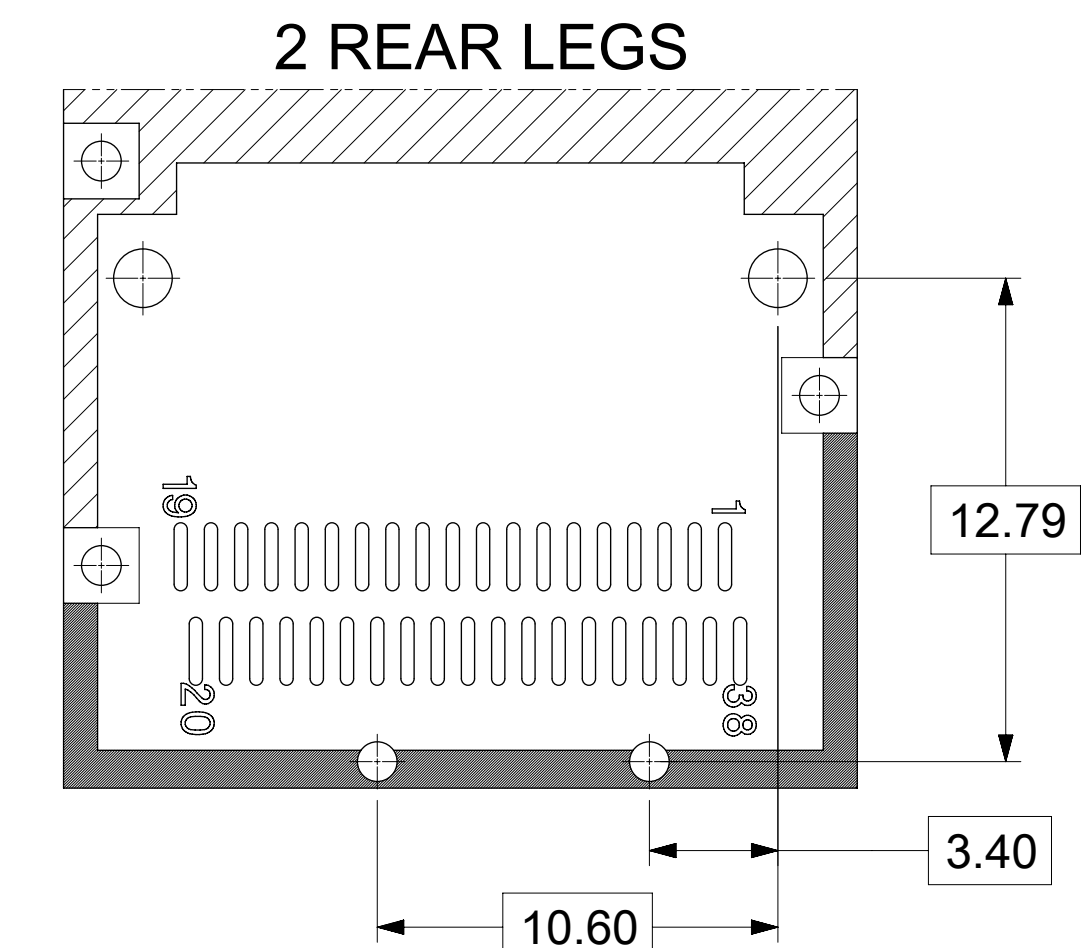
PCB LAYOUT FOR SINGLE SIDED MOUNTING



PARTIAL 1
SCALE 5:1



PARTIAL 2
SCALE 5:1



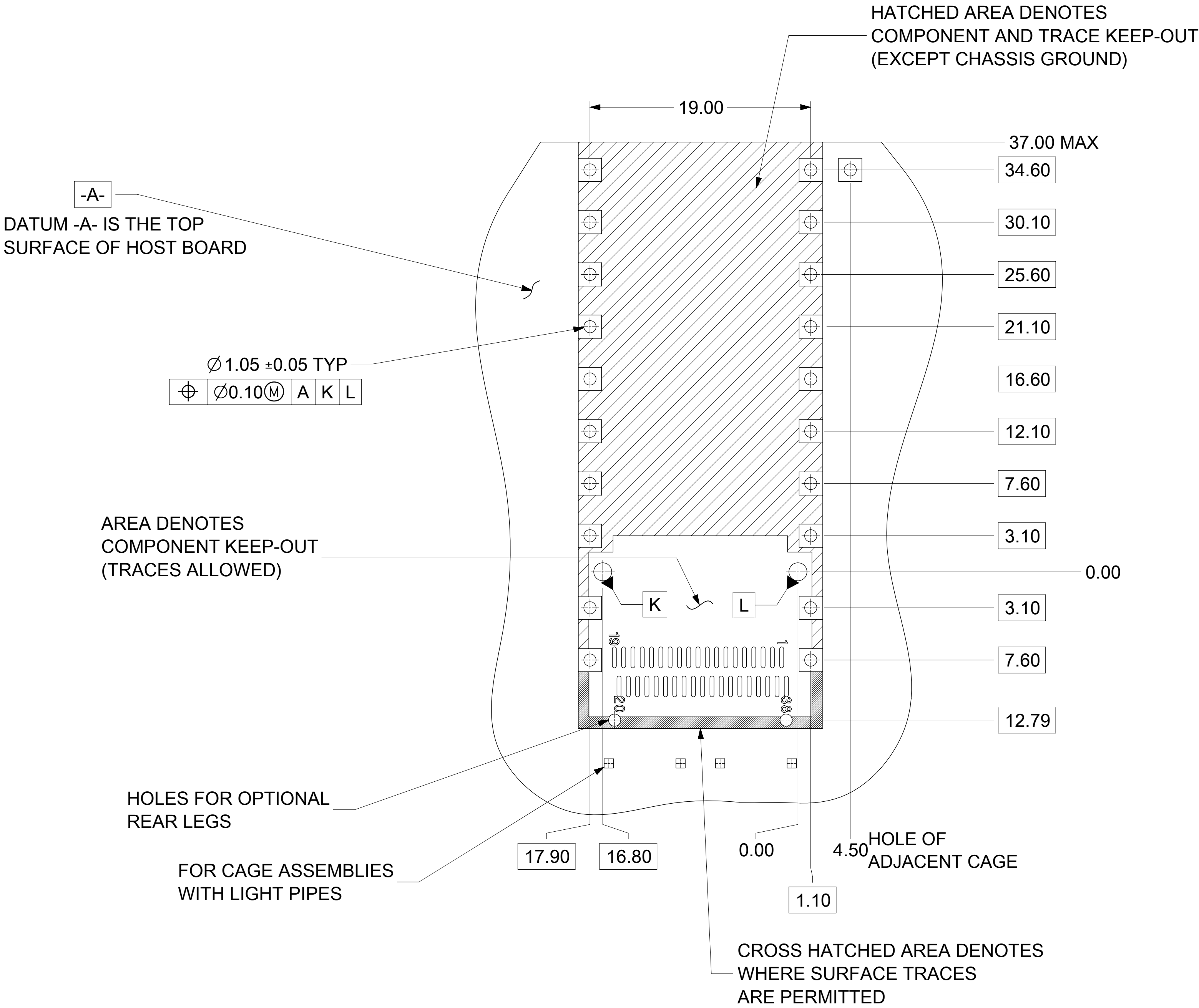
PARTIAL 3
SCALE5:1

NOTES:

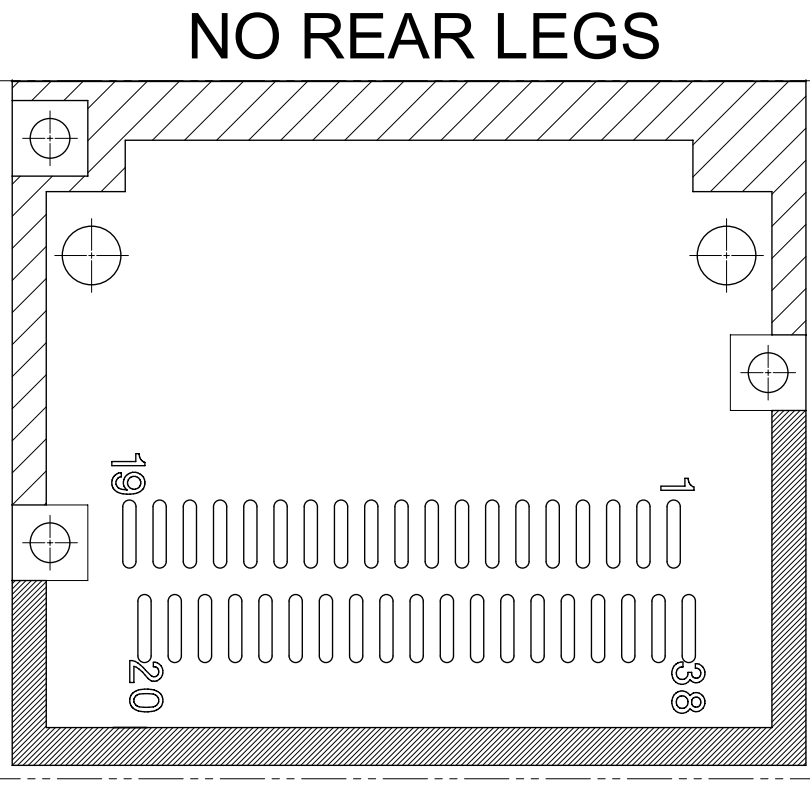
1. PADS AND VIAS GO TO CHASSIS GROUND. (RECOMMENDED PADS TO BE 2.00mm SQUARE.)
2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
3. CONNECTOR PAD LAYOUT PER SFF-8663 WILL ACCOMODATE MOLEX CONNECTOR SERIES 170432.
4. NOTED DIMENSIONS ONLY APPLY TO CAGE ASSEMBLIES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

FUNCTIONAL SYMBOLS
--

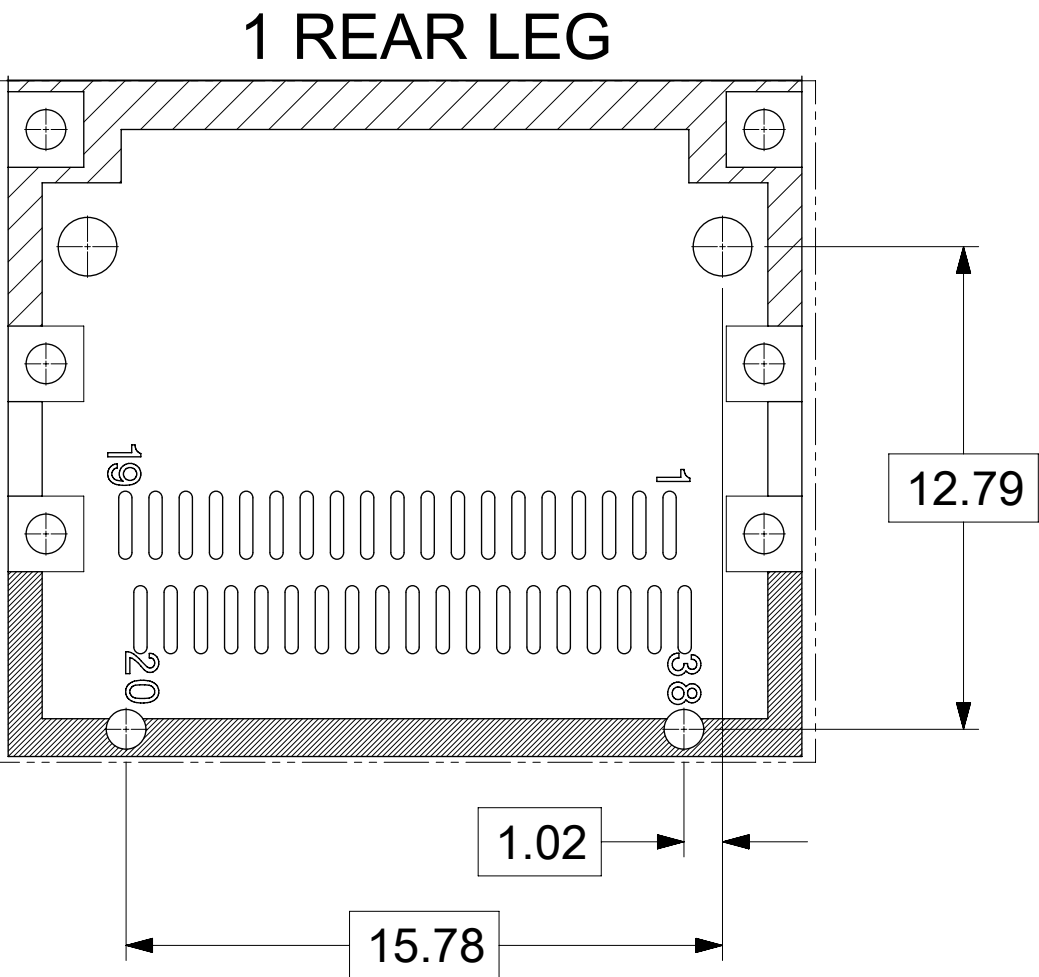
PCB LAYOUT FOR BELLY TO BELLY MOUNTING



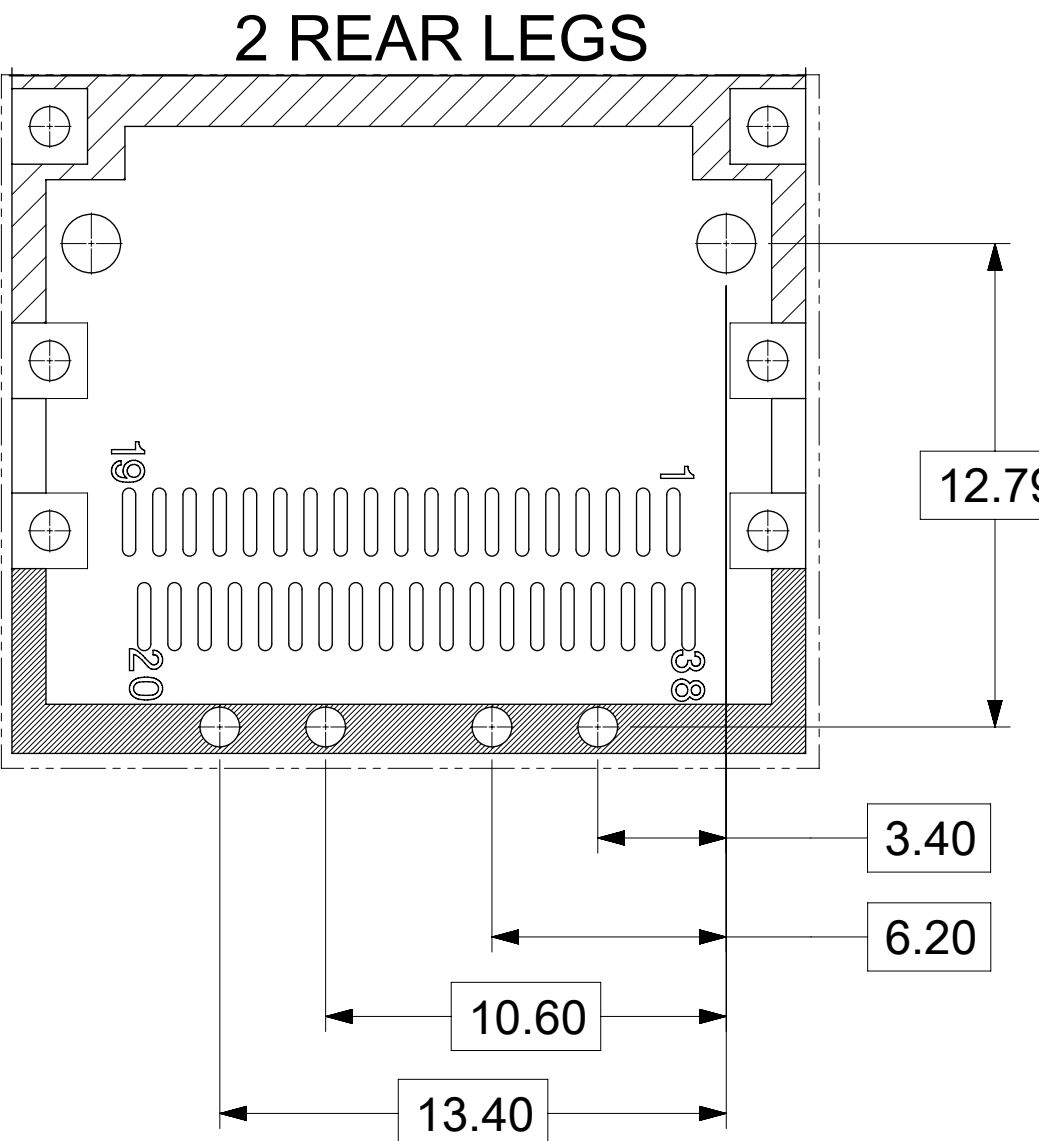
NOTE:
SEE SHEET 4 FOR
HOST CONNECTOR DETAIL
AND LED LOCATION DETAILS



PARTIAL 1
SCALE 5:1



PARTIAL 5
SCALE 5:1

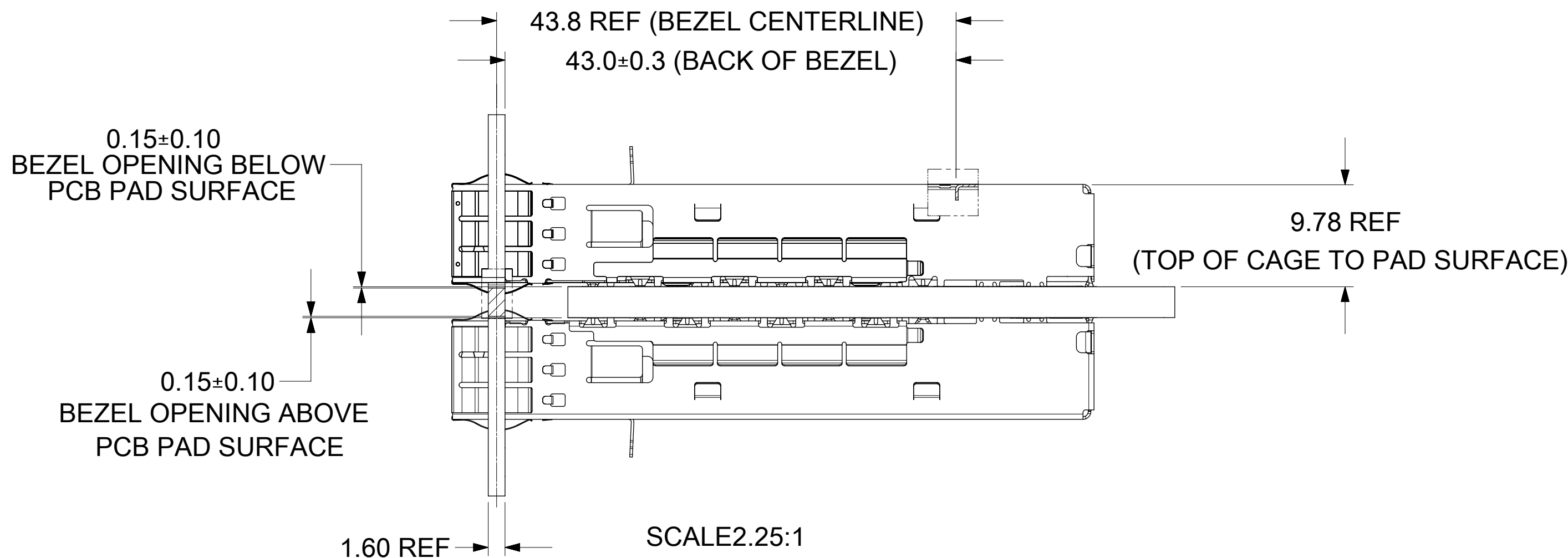


PARTIAL 6
SCALE 5:1

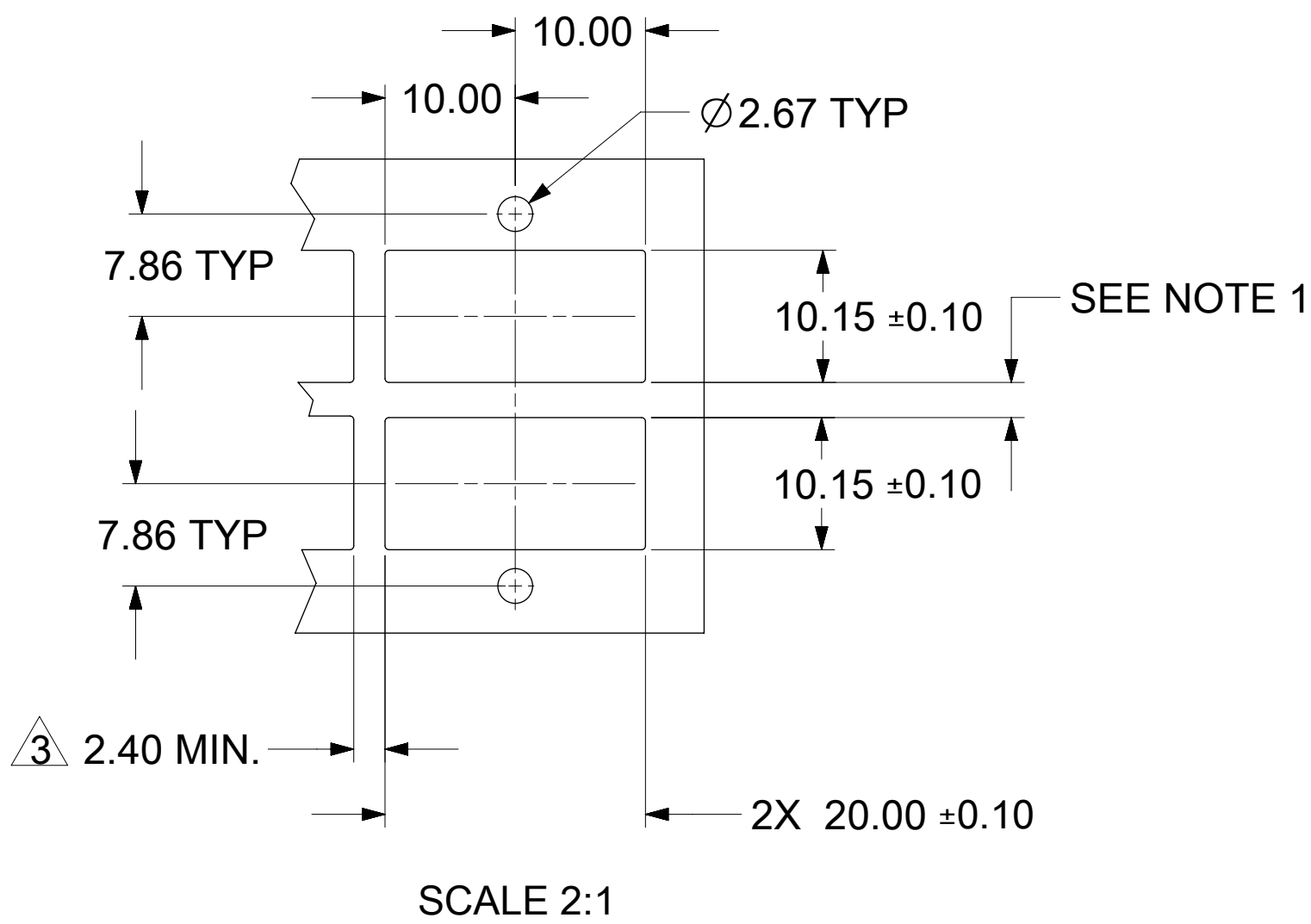
- NOTES:
1. PADS AND VIAS GO TO CHASSIS GROUND. (RECOMMENDED PADS TO BE 2.00mm SQUARE.)
 2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
 3. CONNECTOR PAD LAYOUT PER SFF-8663 WILL ACCOMODATE MOLEX CONNECTOR SERIES 170432.

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
FA = 0 FC = 0 FP = 0 DIVISIONAL SYMBOLS		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		4:1											
		GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL		±		2.0 °		EC NO: 698842					
		4 PLACES		±				DRWN: TKUMARKC		2022/02/17					
		3 PLACES		±				CHK'D: TKUMARKC		2022/03/16					
		2 PLACES		±		0.15		APPR: JCHIANG		2022/03/28					
		1 PLACE		±		0.25		INITIAL REVISION:							
		0 PLACES		±				DRWN: TKUMARKC		2022/02/17					
								APPR: JCHIANG		2022/03/28					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
				D-SIZE		100014				GENERAL MARKET		5 OF 7			

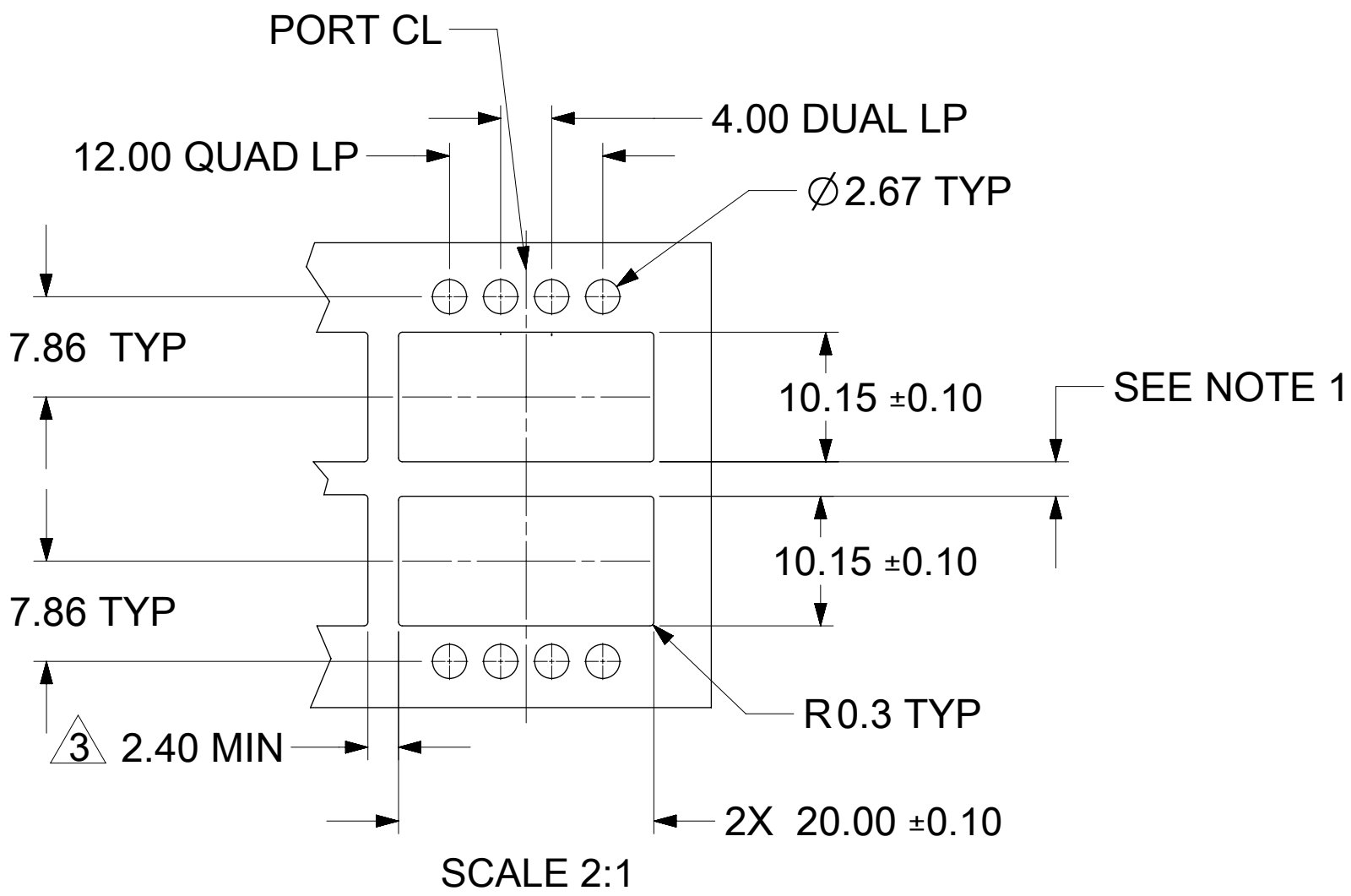
BEZEL AND BOARD POSITION DIMENSIONS
FOR BELLY TO BELLY MOUNTING



SINGLE LIGHT PIPE ²

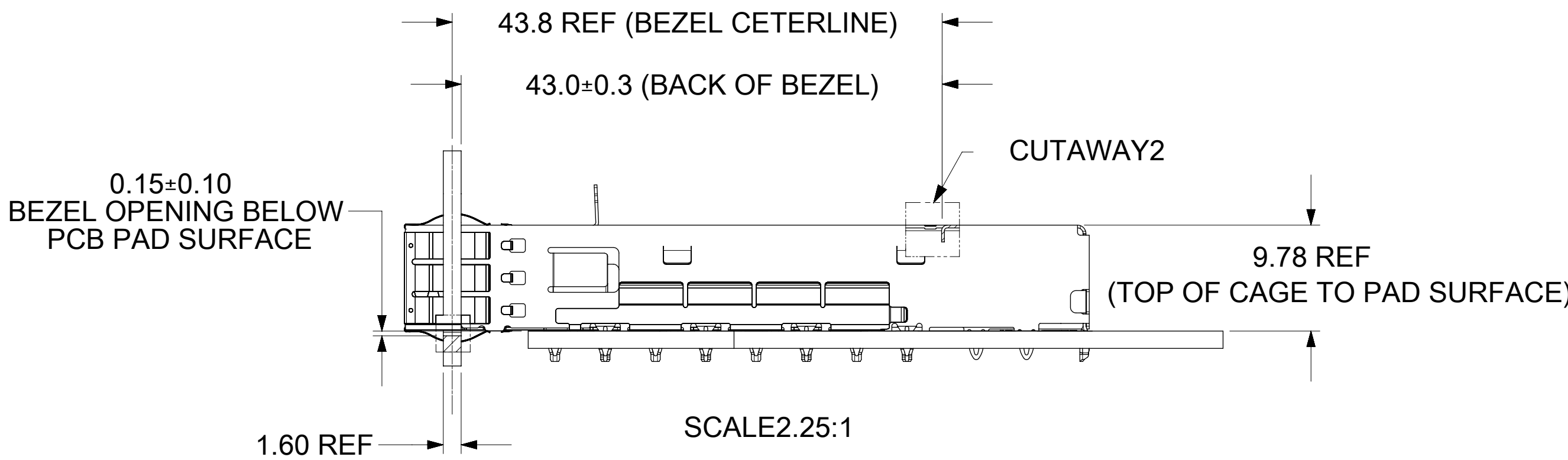


DUAL/QUAD LIGHT PIPE ²

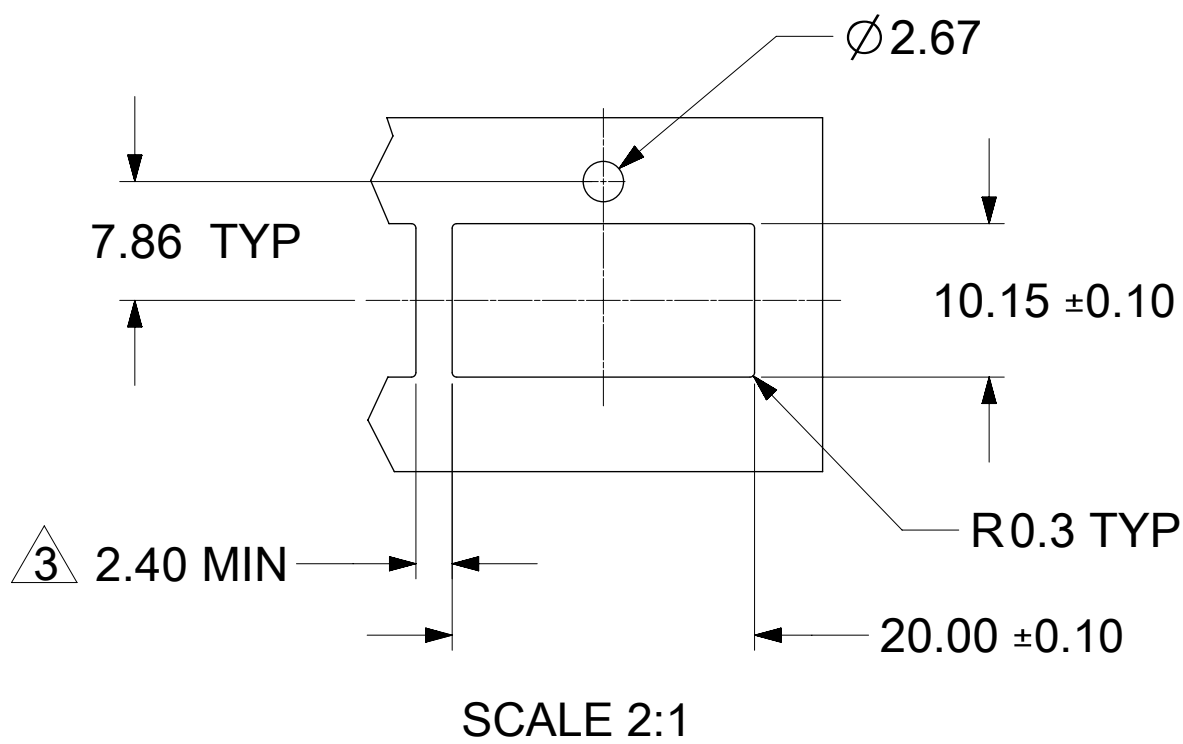


- NOTE:
1. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMINING BEZEL OPENING LOCATION.
 2. NOTED DIMENSIONS ONLY APPLY TO CAGE ASSEMBLIES WITH LIGHT PIPES.
 3. THIS DIMENSION IS FOR REFERENCE ONLY. USER CAN MODIFY UT DEPENDS ON APPLICATION. (THIS DIMENSION VARIES BASED ON DISTANCE OF "HOLE OF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

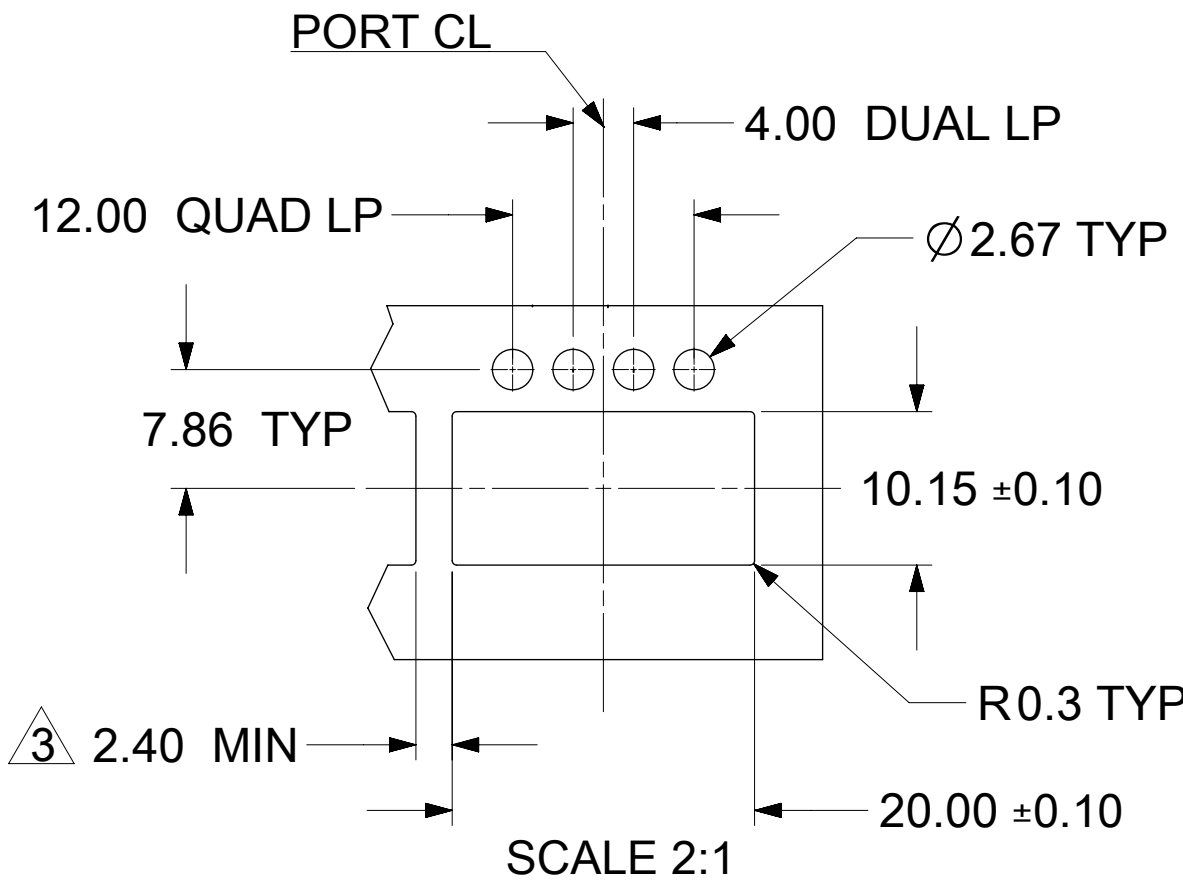
BEZEL AND BOARD POSITION DIMENSIONS
FOR SINGLE SIDE MOUNTING



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																		
F A = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE					molex									
	mm		2.5:1																
	GENERAL TOLERANCES (UNLESS SPECIFIED)									ZQSFP+ 1X1 CAGE ASSY'S W/ SUS TAB TYPE SPRING FINGER, H/S & L/P OPTIONS									
ANGULAR TOL ± 2.0°																			
4 PLACES		±																	
F C = 0	3 PLACES		±		DRWN: TKUMARKC 2022/02/17					PRODUCT CUSTOMER DRAWING									
F P = 0	2 PLACES		± 0.15		CHK'D: TKUMARKC 2022/03/16														
DIVISIONAL SYMBOLS	1 PLACE		± 0.25		APPR: JCHIANG 2022/03/28														
	0 PLACES		±		INITIAL REVISION:														
					DRWN: TKUMARKC 2022/02/17														
						APPR: JCHIANG 2022/03/28					DOCUMENT NUMBER			DOC TYPE		DOC PART		REVISION	
											1000143200			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			6 OF 7			

