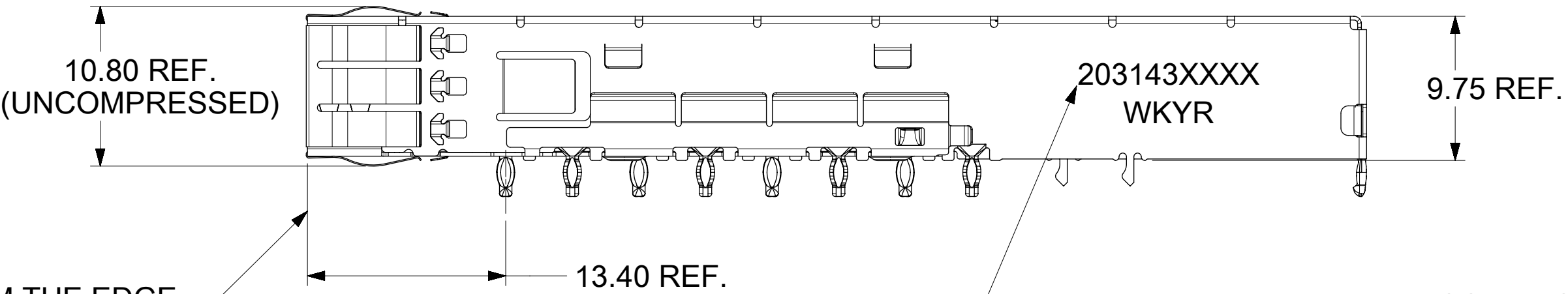
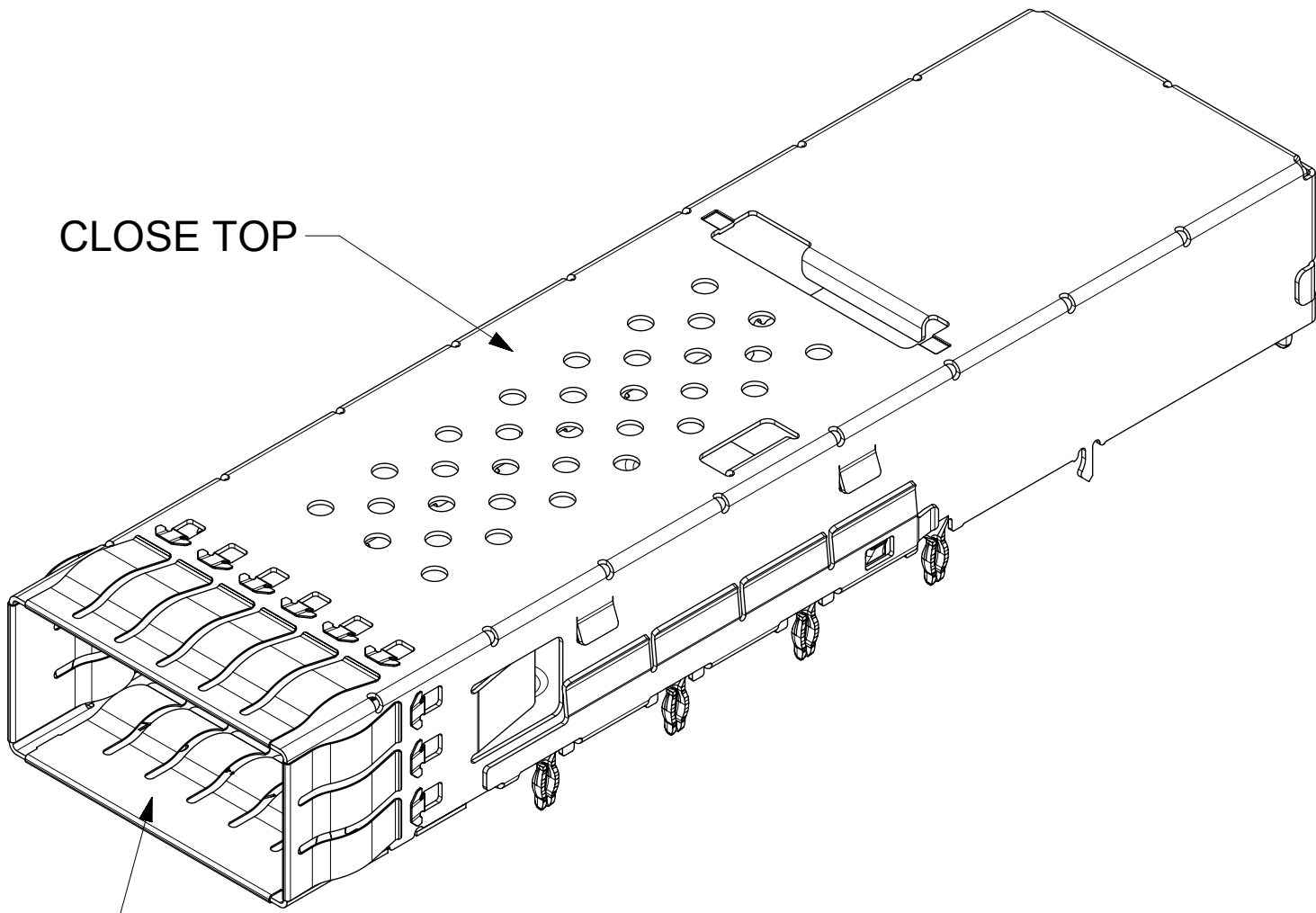
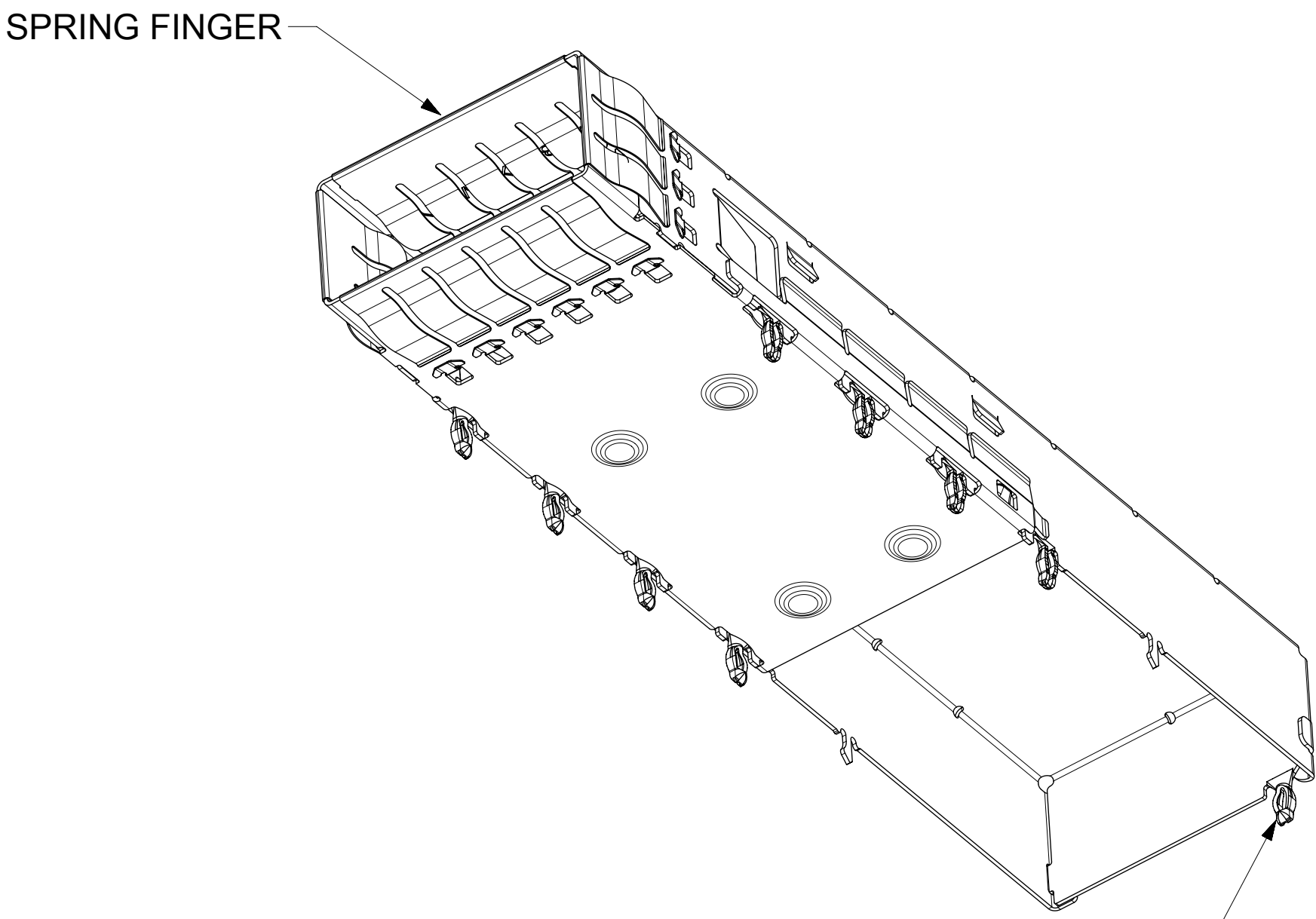
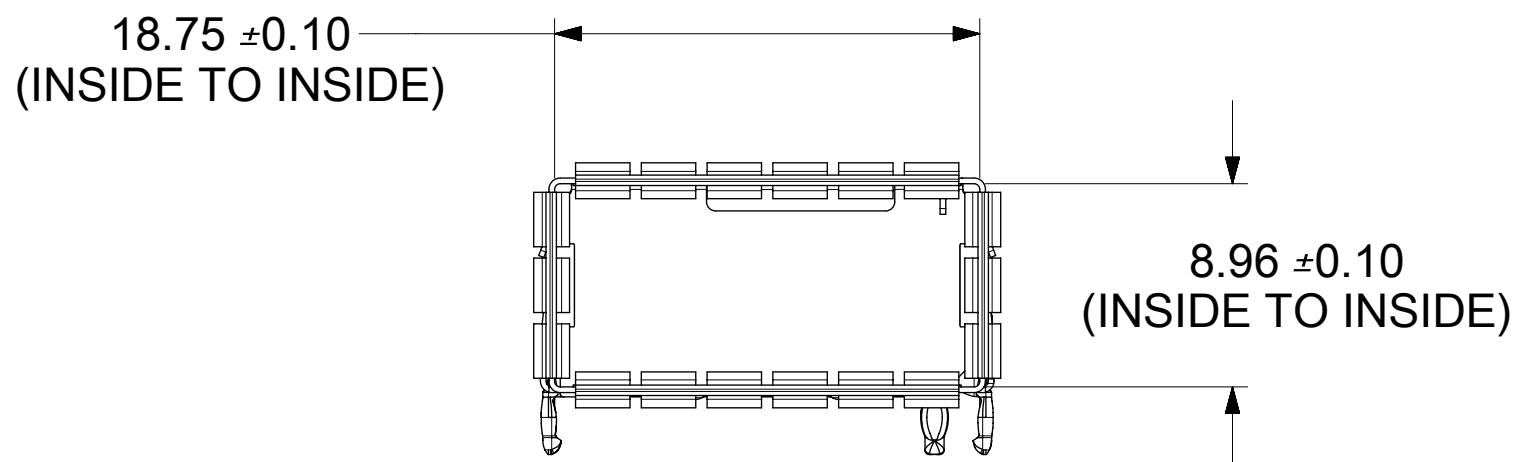
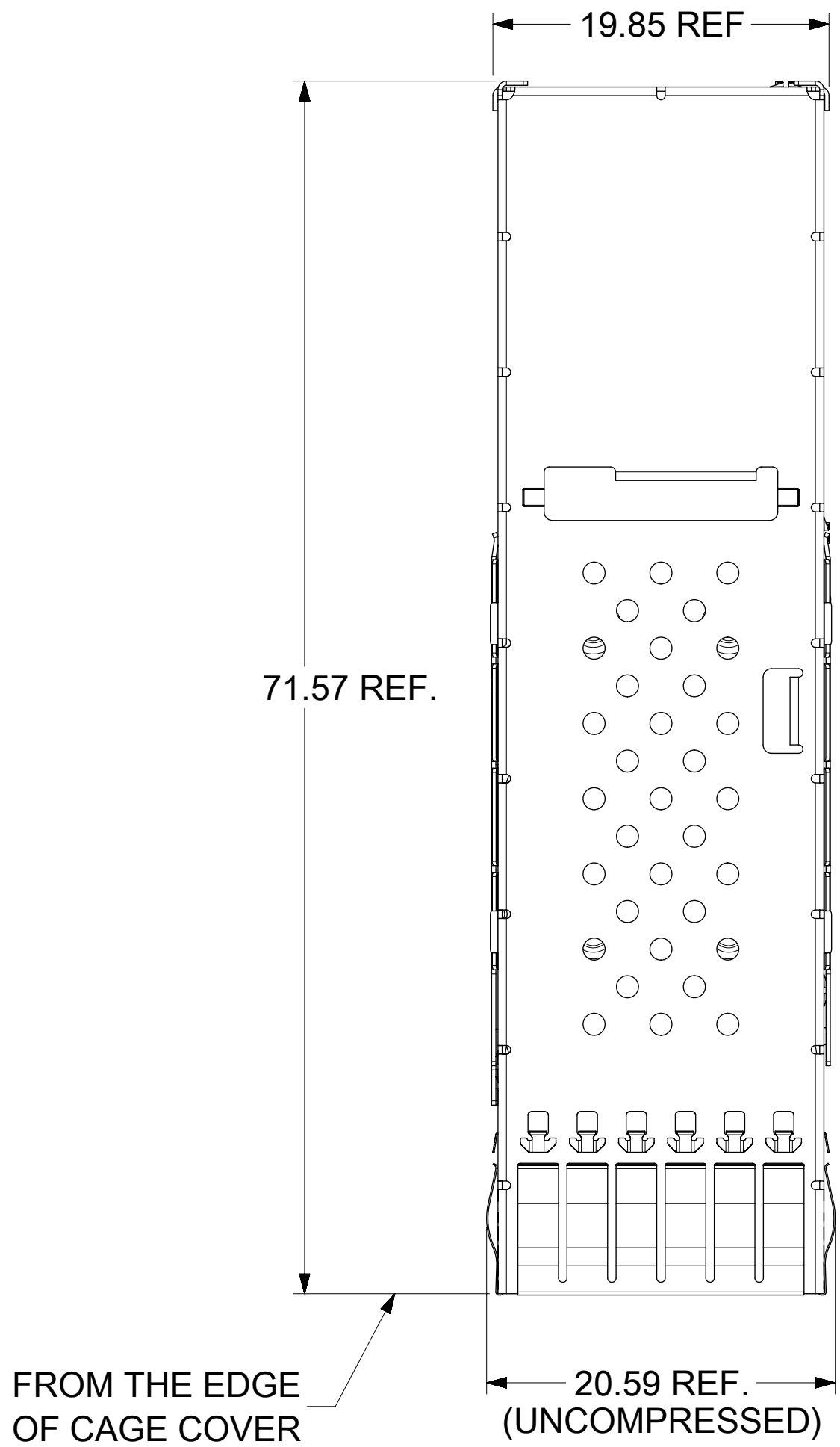


BASE CAGE DETAILS

2031431244 SHOWN

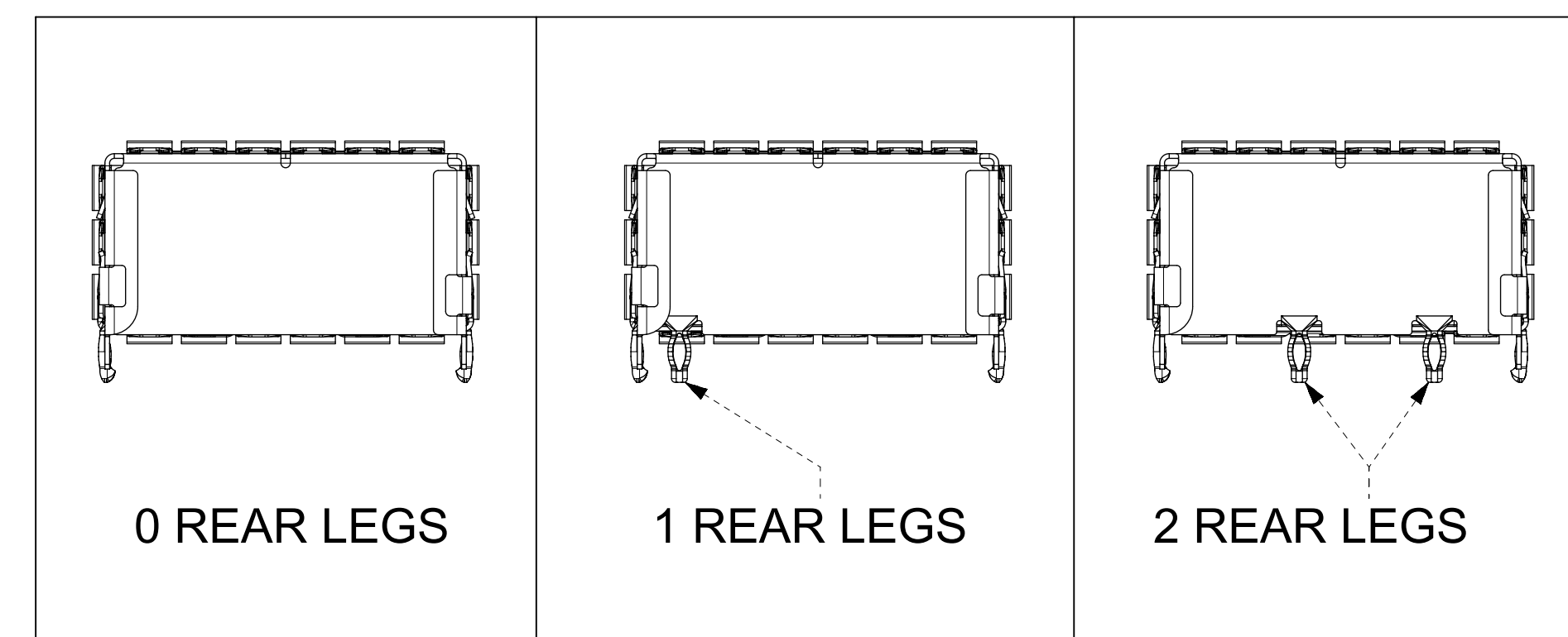
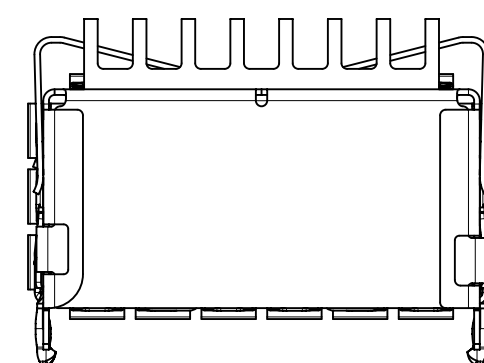
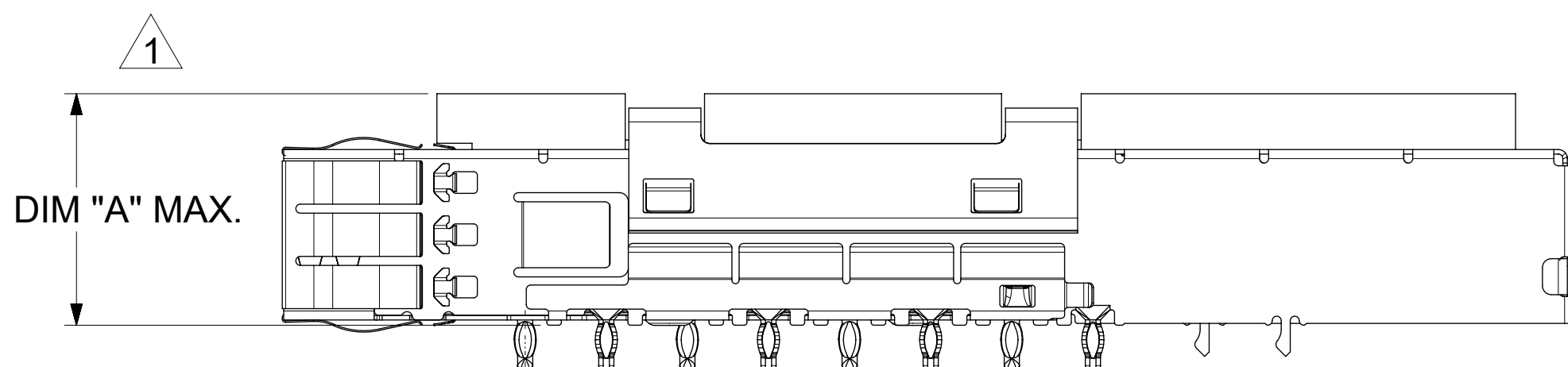
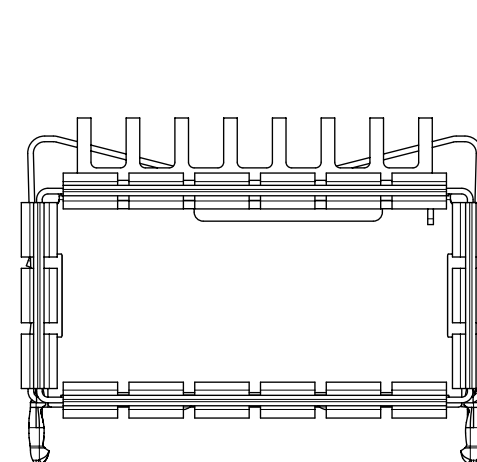
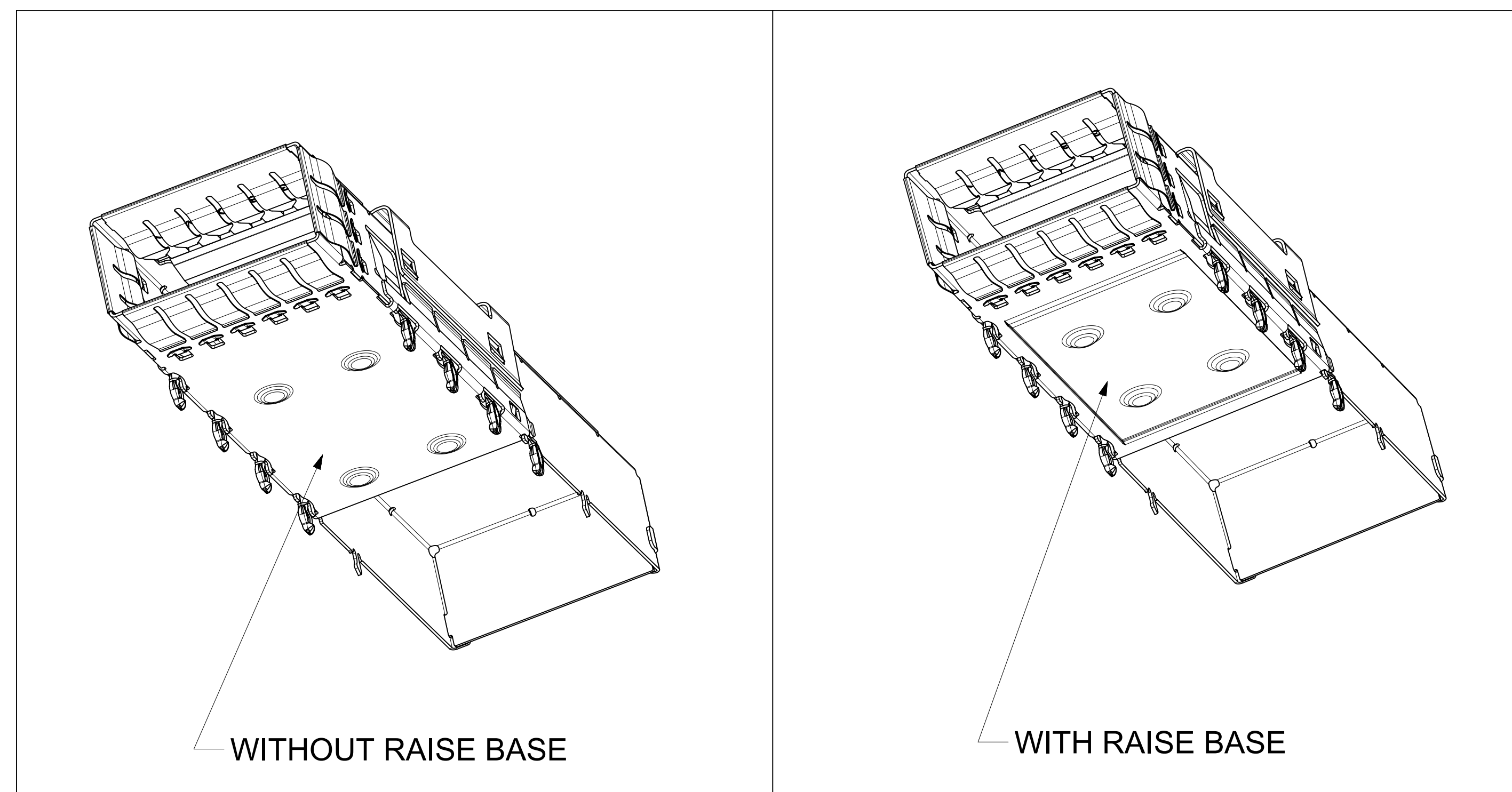
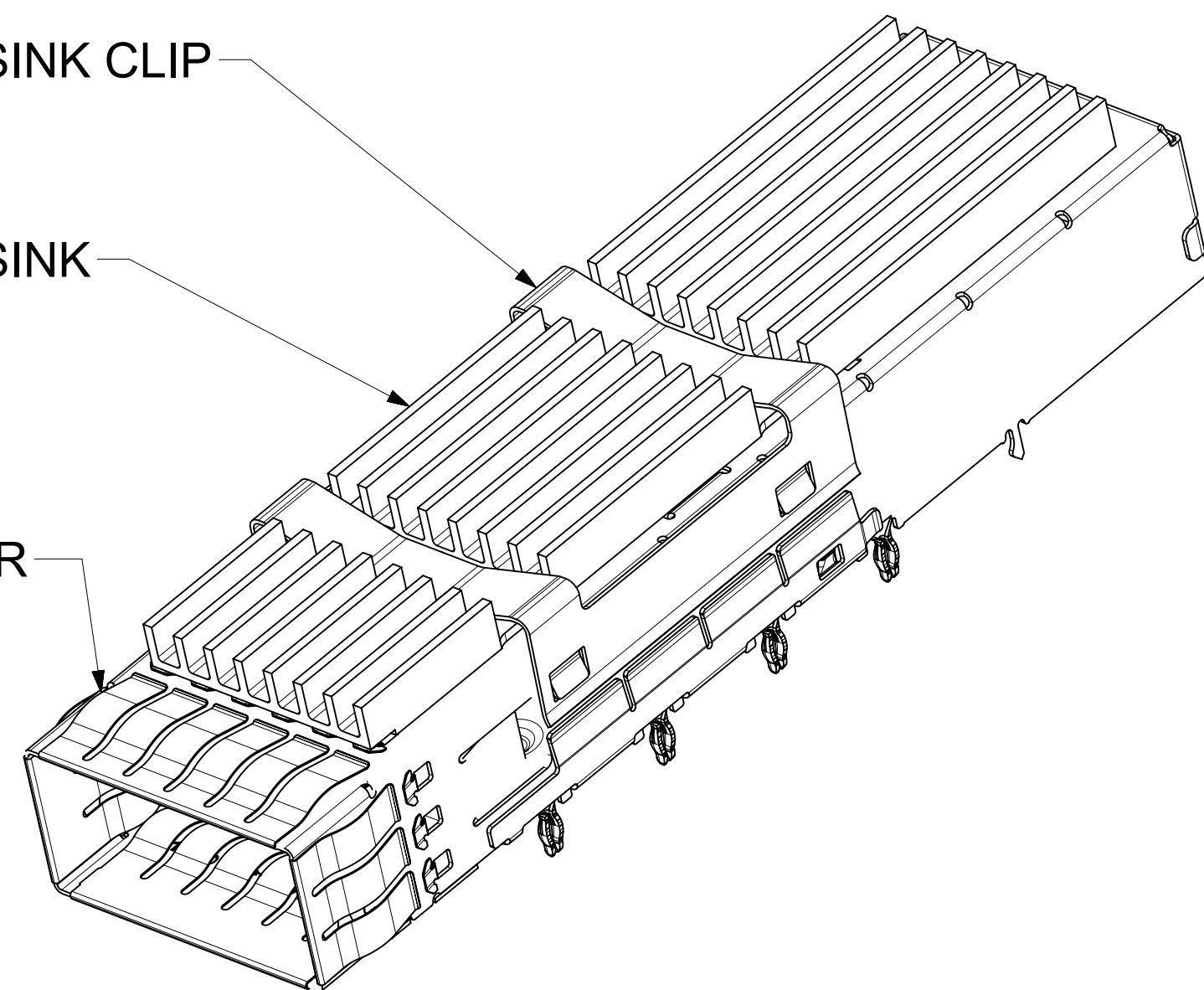
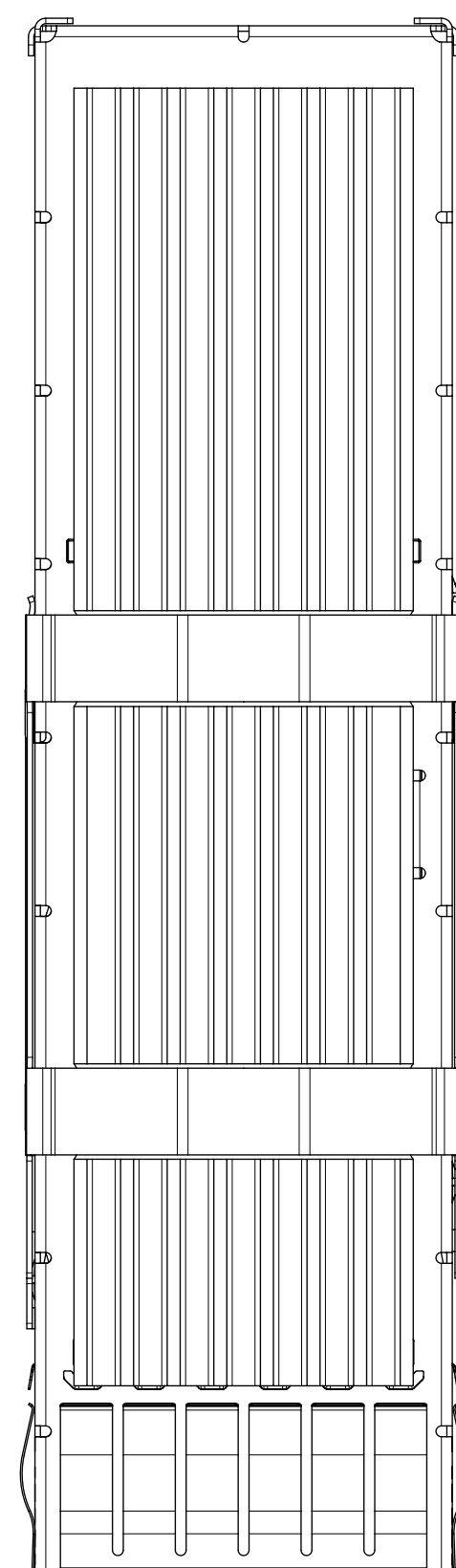


P/N AND WEEK/YEAR DATE CODE TO BE PRINTED ON SIDE OF COMPLETED CAGE ASSEMBLY APPROXIMATELY AS SHOWN. SEE TABLE BELOW FOR DATE CODE INFORMATION.

- NOTES:
1. MATERIAL: CAGE: STAINLESS STEEL
SPRING FINGERS: STAINLESS STEEL
HEAT SINKS: ALUMINUM(BLACK ANODIZATION)
HEAT SINK CLIP: STAINLESS STEEL
 2. DRAWING APPLIES TO ALL P/N'S SHOWN ON PAGE 3
 3. DURING FINAL INSPECTION, CAGE LEG LOCATIONS AND STRAIGHTNESS MUST BE CHECKED USING APPROPRIATE GO - NO GO GAGE
 4. DURING FINAL INSPECTION, CAGE MUST BE INSPECTED TO MAKE SURE LEG CONFIGURATIONS AND PART NUMBERS ARE CORRECT, REFER TO SHEETS 2 AND 3.
 5. PARTS TO BE INSPECTED PER MOLEX COSMETIC SPEC WI-HP-7-2774 (CLASS B UNLESS OTHERWISE SPECIFIED)
 6. PRESS-FIT LEGS 2.44mm LONG -
1.57mm MINIMUM PCB THICKNESS FOR SINGLE SIDED USE.
2.70mm MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE.
 7. NO RoHS EXEMPTIONS

WEEK/YEAR DATE CODE TABLE	
WK	WEEK OF THE YEAR 01 THRU 52 OR 53 (EXAMPLE: 01= FIRST WEEK OF YEAR, 52 OR 53 = LAST WEEK OF YEAR)
YR	17, 18, 19 ETC.. (EXAMPLE: YEAR 2017= 17)

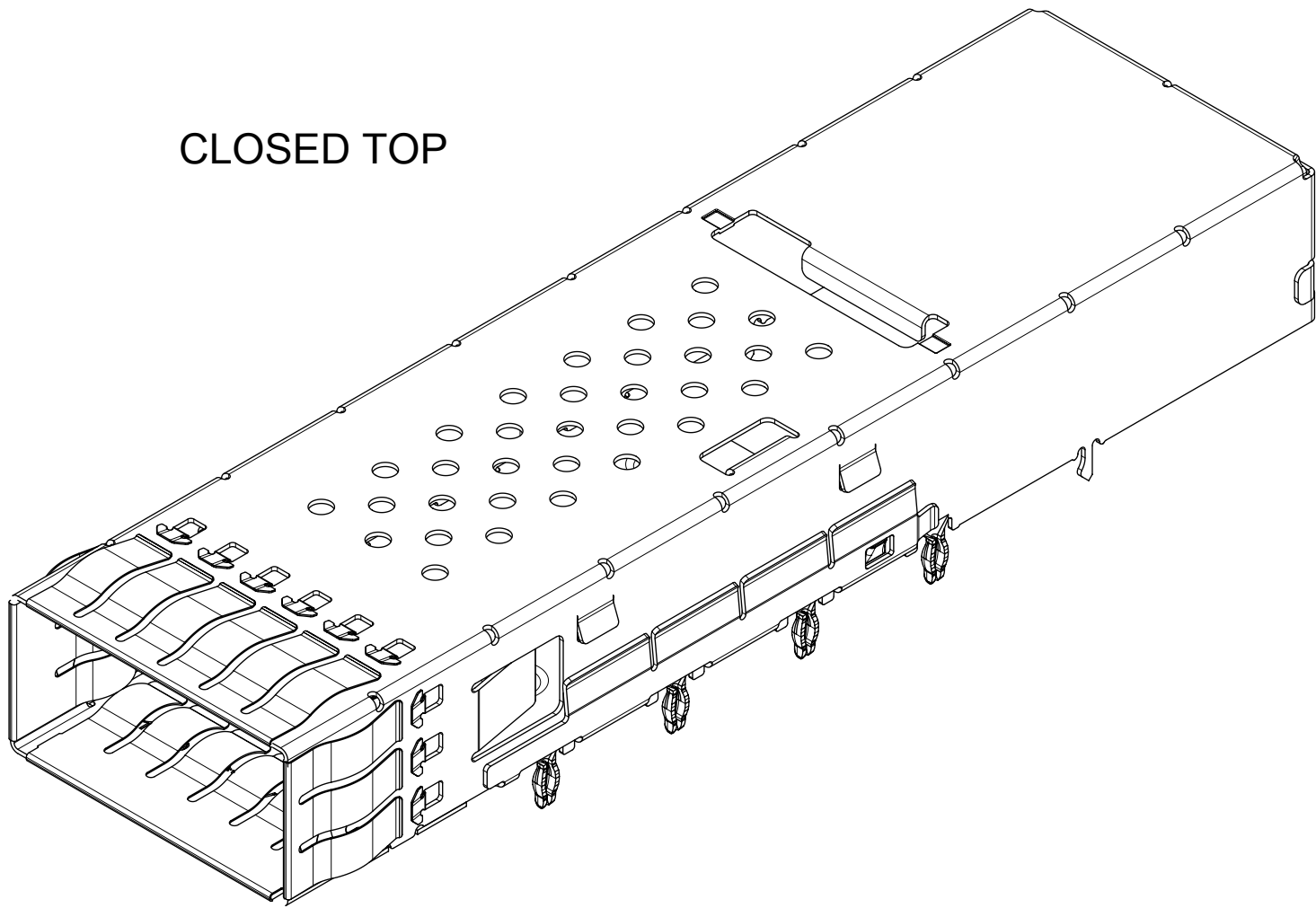
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE P/N TABLE			molex QSFP-DD 1X1 CAGE ASSY SF WITH FIN H/S OPTIONS								
mm		3:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL ± 2.0 °				EC NO: 621316 DRWN: SCHIEN 2019/06/19 CHK'D: SCHIEN 2019/07/25 APPR: JCHIANG 2019/07/25			PRODUCT CUSTOMER DRAWING								
4 PLACES		±													
3 PLACES		±													
2 PLACES		± 0.13													
1 PLACE		± 0.25													
0 PLACES		±		INITIAL REVISION: DRWN: LLU20 2017/07/17 APPR: RCHEN08 2017/08/15			DOCUMENT NUMBER 2031431201		DOC TYPE PSD	DOC PART ASY	REVISION D1				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING D-SIZE		SERIES 203143		MATERIAL NUMBER SEE P/N TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 7	



DOCUMENT STATUS	P1	RELEASE DATE	2019/07/25	11:08:05
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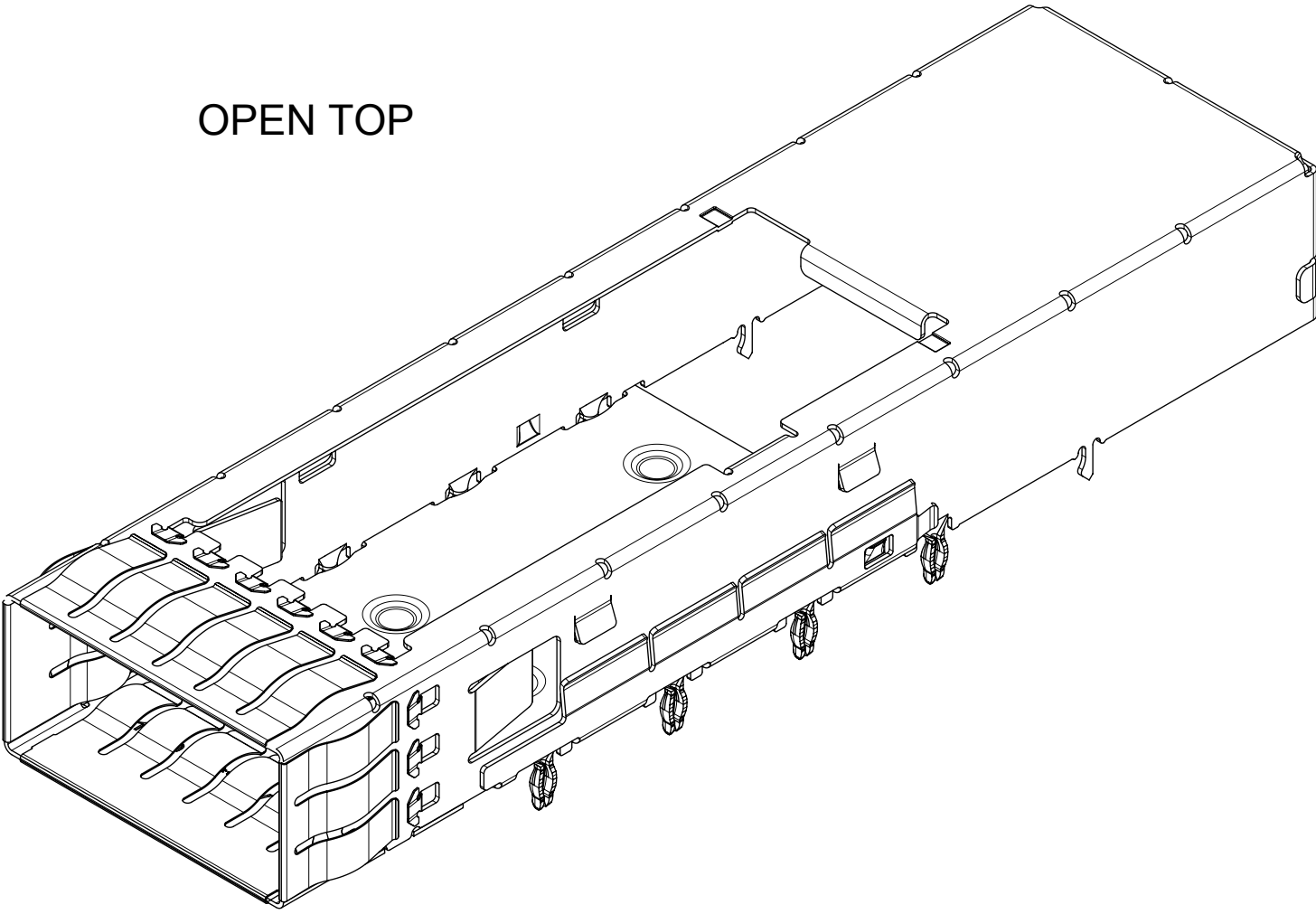
PART NUMBER SELECTION

CLOSED TOP



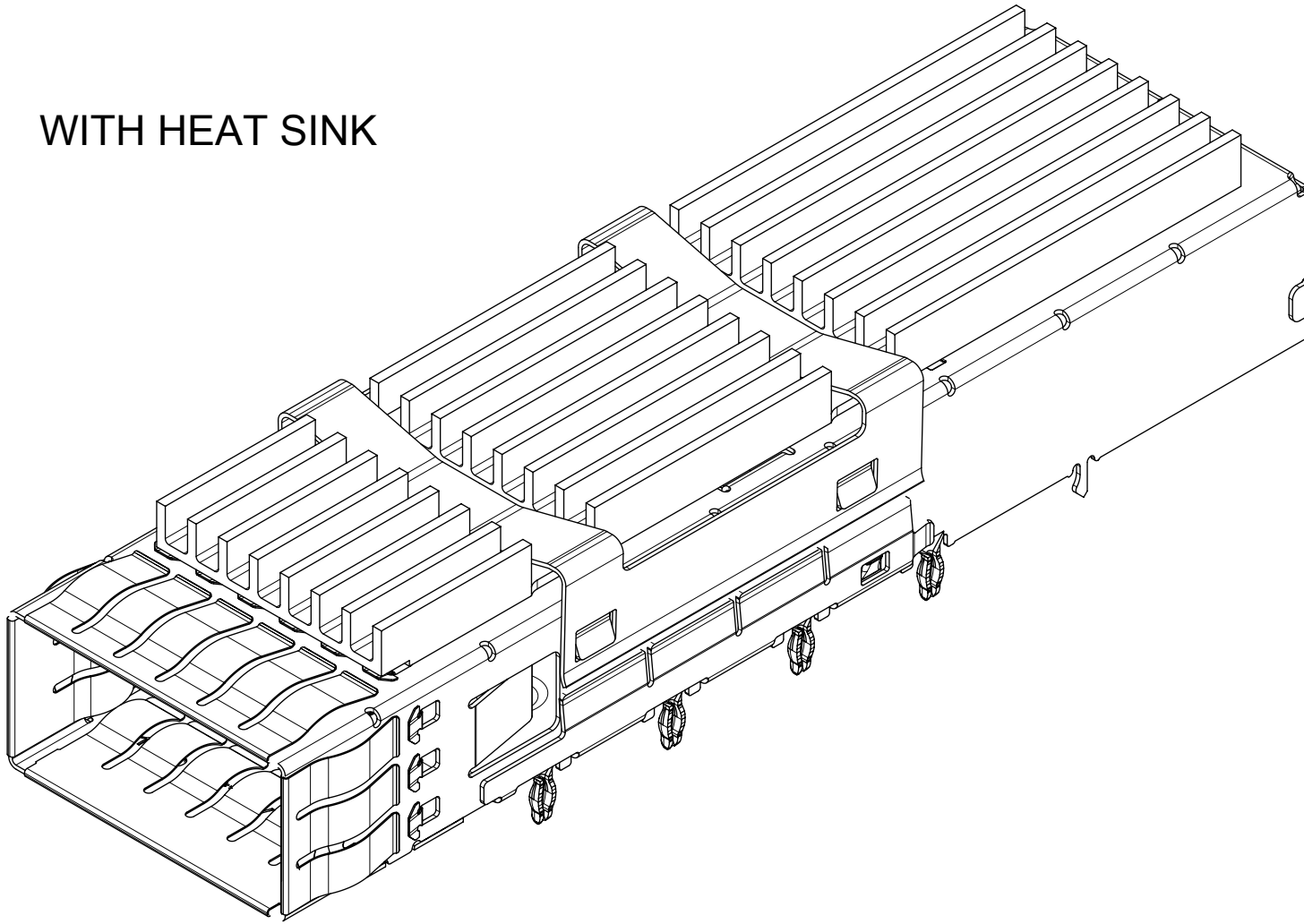
MOLEX P/N	# OF REAR LEGS PER PORT	WITH RAISE BASE
2031431243	0	NO
2031431244	1	NO

OPEN TOP



MOLEX P/N	# OF REAR LEGS PER PORT	WITH RAISE BASE
2031431254	0	NO
2031431255	1	NO
2031431256	2	NO
2031432254	0	YES
2031432255	1	YES
2031432256	2	YES

WITH HEAT SINK



MOLEX P/N	HEAT SINK	# OF REAR LEGS PER PORT	WITH RAISE BASE
2031431349	PCI	0	NO
2031431350	SAN	0	NO
2031431351	NET	0	NO
2031431352	PCI	1	NO
2031431353	SAN	1	NO
2031431354	NET	1	NO
2031431355	PCI	2	NO
2031431356	SAN	2	NO
2031431357	NET	2	NO
2031432349	PCI	0	YES
2031432350	SAN	0	YES
2031432351	NET	0	YES
2031432352	PCI	1	YES
2031432353	SAN	1	YES
2031432354	NET	1	YES
2031432355	PCI	2	YES
2031432356	SAN	2	YES
2031432357	NET	2	YES

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 P/N TABLE	
mm	3:1		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 621316 DRWN: SCHIEN 2019/06/19 CHK'D: SCHIEN 2019/07/25 APPR: JCHIANG 2019/07/25 INITIAL REVISION: DRWN: LLU20 2017/07/17 APPR: RCHEN08 2017/08/15	
ANGULAR TOL	± 2.0°		
4 PLACES	±		
3 PLACES	±		
2 PLACES	± 0.13		
1 PLACE	± 0.25	THIRD ANGLE PROJECTION 	
0 PLACES	±		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING	SERIES
		D-SIZE	203143

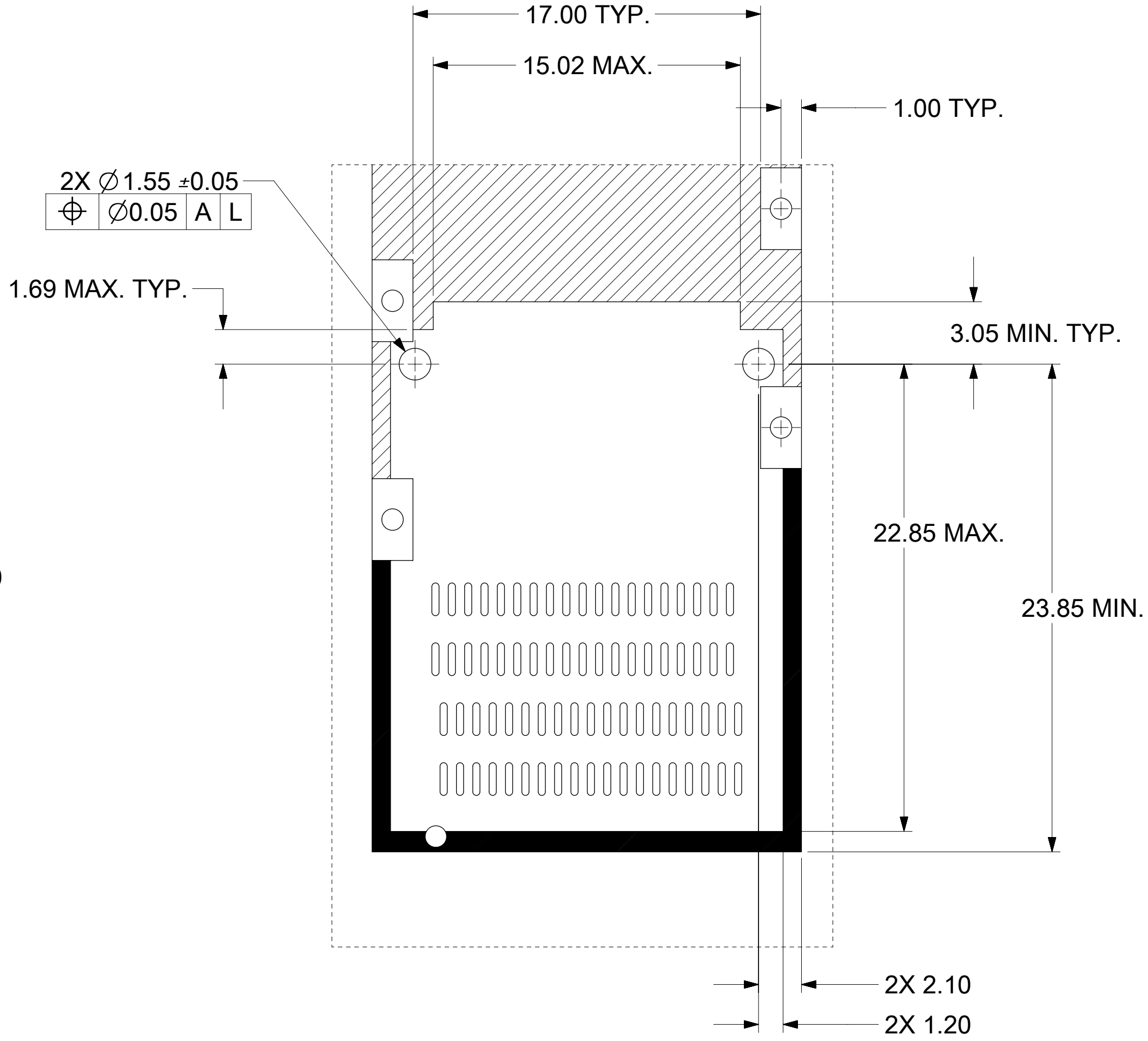
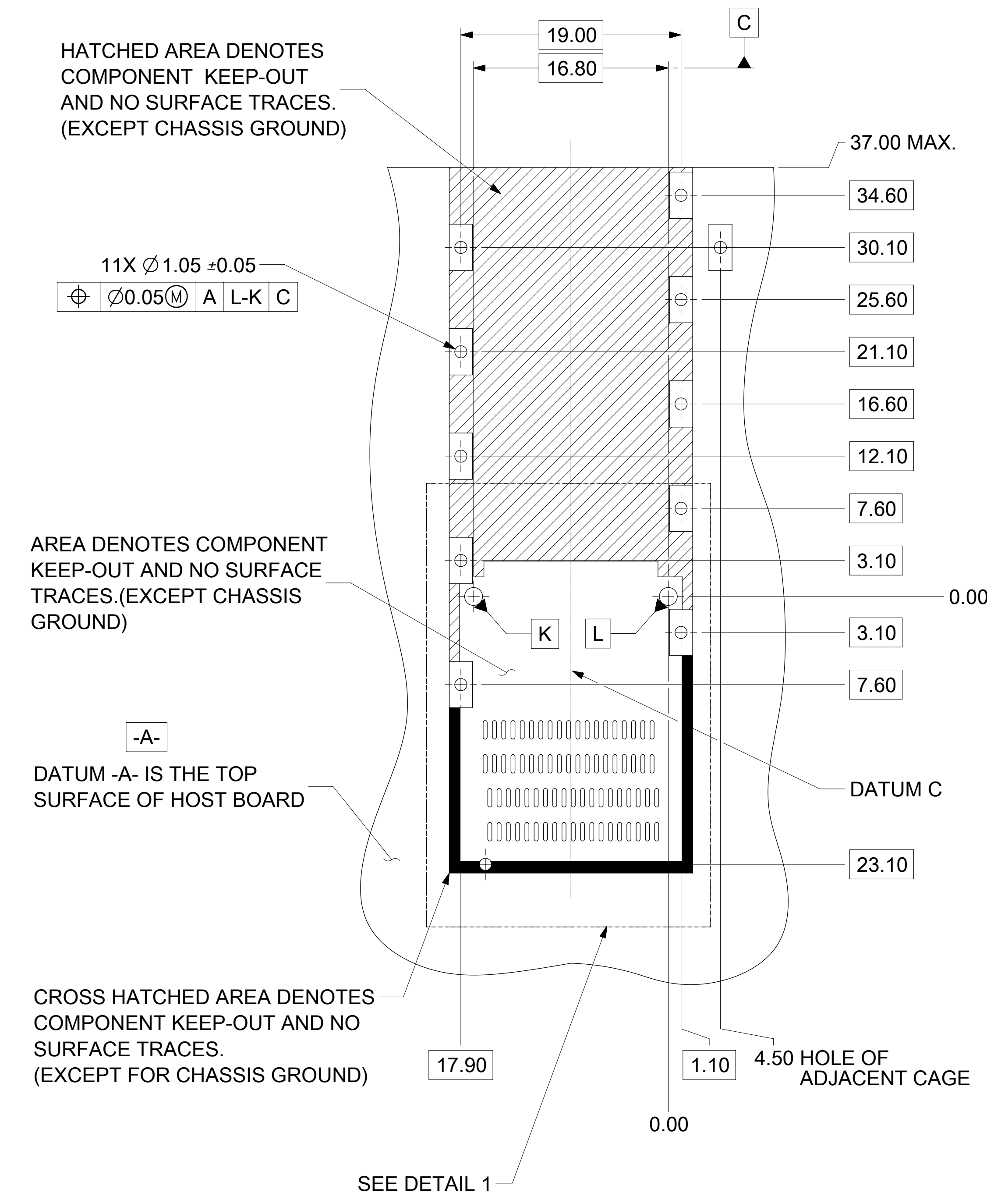
QSFP-DD 1X1 CAGE ASSY
SF WITH FIN H/S OPTIONS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2031431201	PSD	ASY	D1

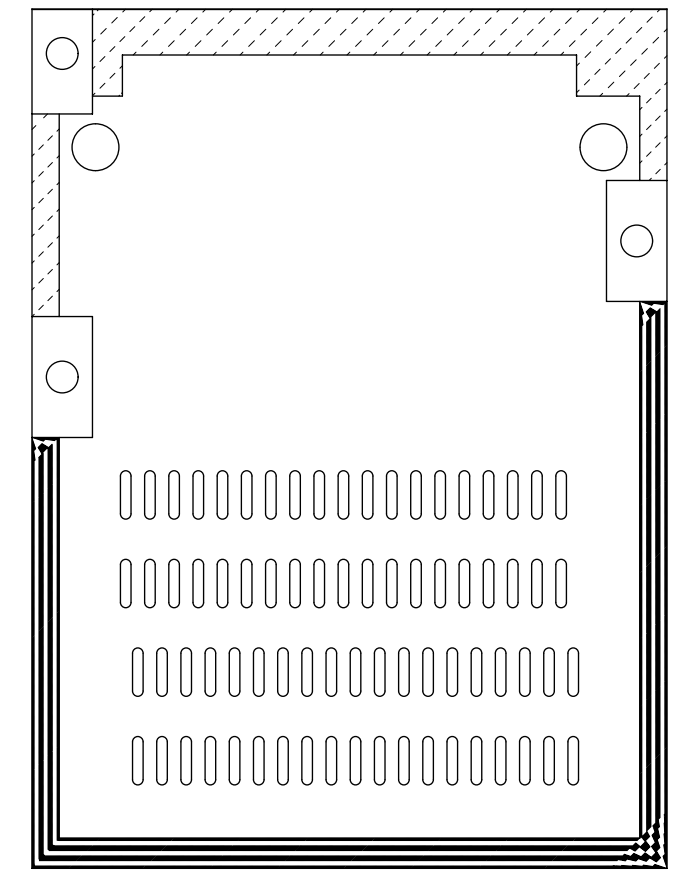
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE P/N TABLE	GENERAL MARKET	3 OF 7

PCB LAYOUT FOR SINGLE SIDED MOUNTING



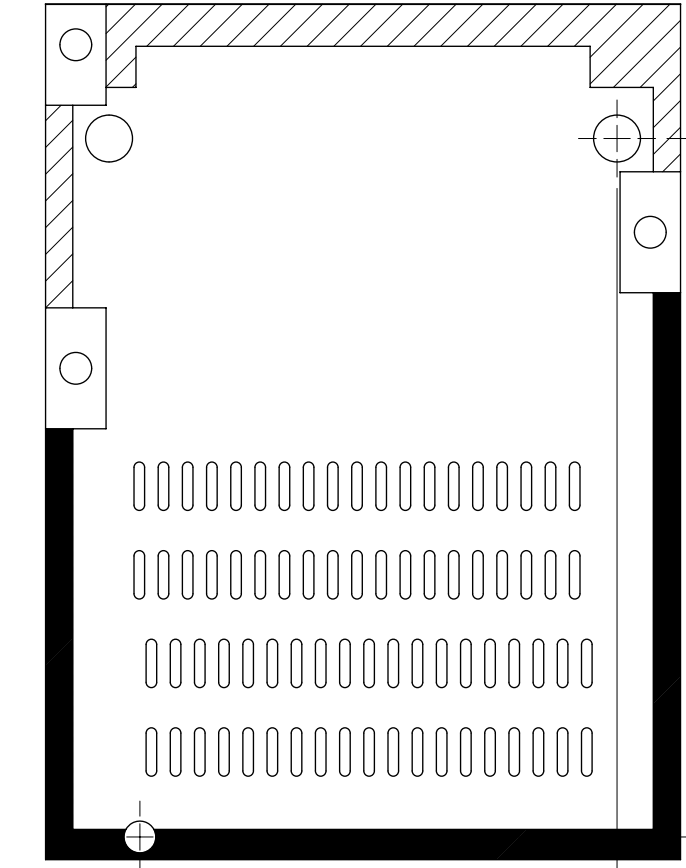
DETAIL 1
SCALE 5:1

NO REAR LEGS



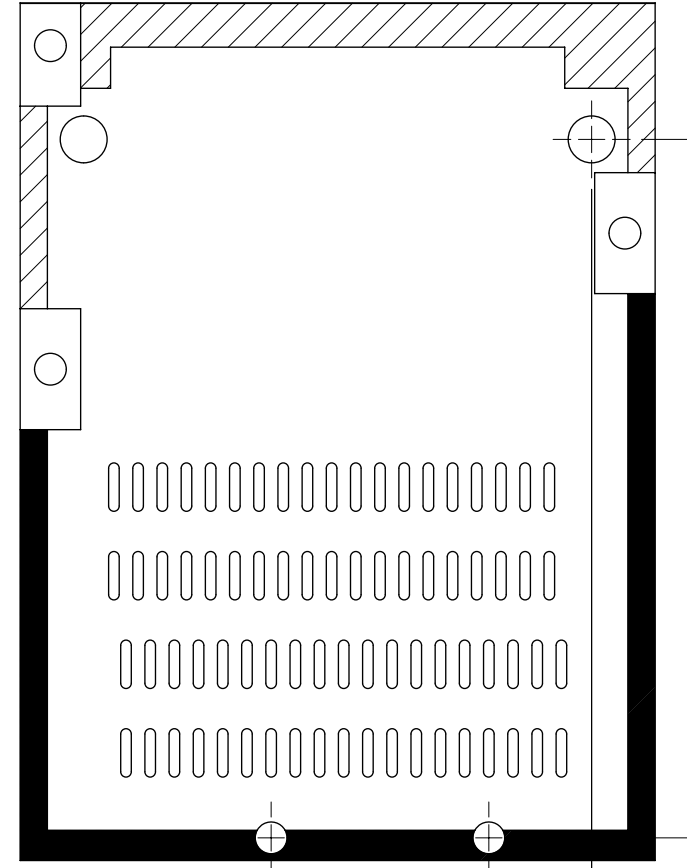
PARTIAL 1
SCALE 4:1

1 REAR LEG



PARTIAL 2
SCALE 4:1

2 REAR LEGS

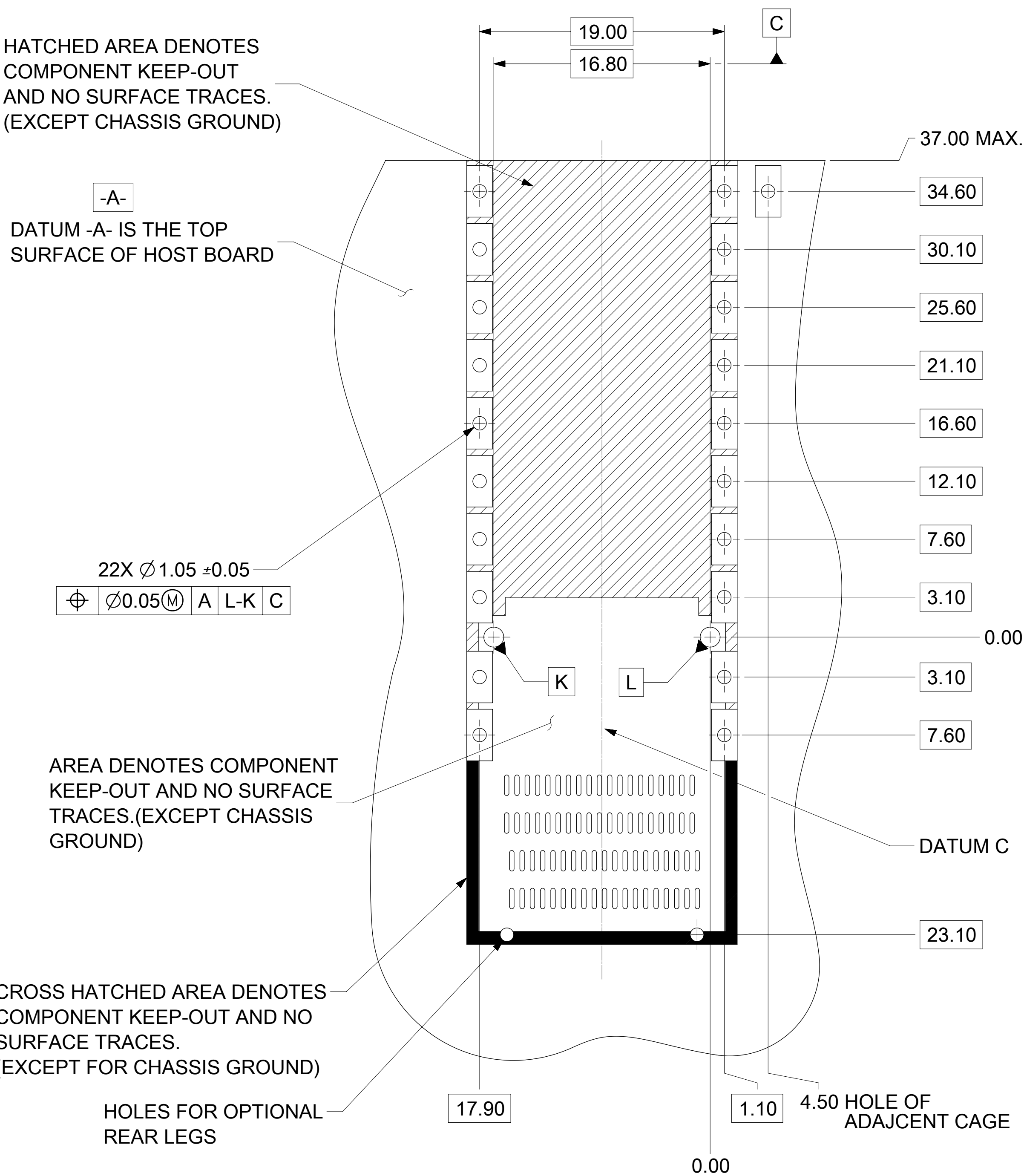


PARTIAL 3
SCALE 4:1

- NOTES:
1. PADS AND VIAS GO TO CHASSIS GROUND. (RECOMMENDED PADS TO BE 2.00x4.00mm RECTANGLE.)
 2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
 3. CONNECTOR PAD LAYOUT PER QSFP-DD MSA WILL ACCOMODATE MOLEX CONNECTOR SERIES 202718.
 4. NOTED DIMENSIONS ONLY APPLY TO CAGE ASSEMBLIES WITH LIGHT PIPES.

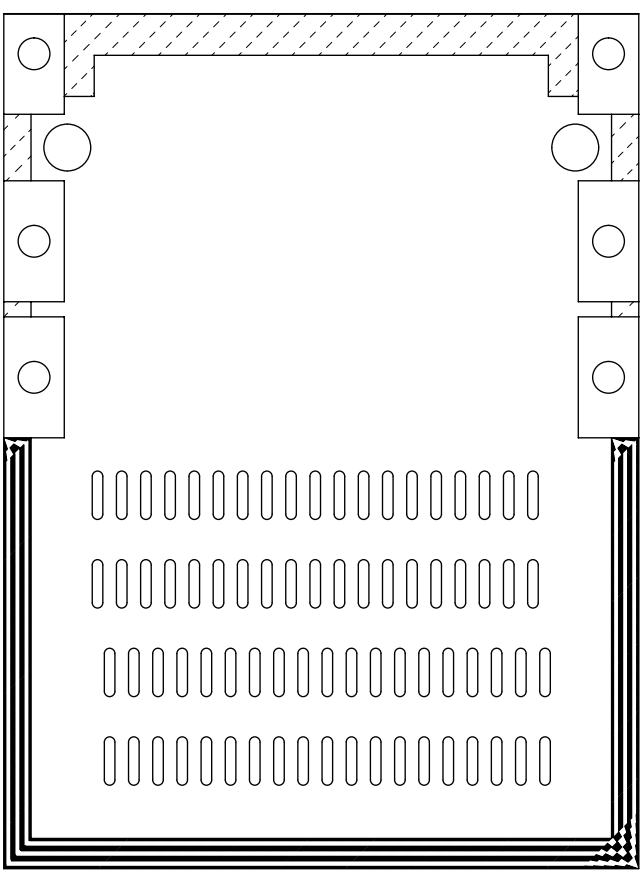
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS mm		SCALE 3.5:1		CURRENT REV DESC: SEE P/N TABLE				molex	
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 621316 DRWN: SCHIEN 2019/06/19 CHK'D: SCHIEN 2019/07/25 APPR: JCHIANG 2019/07/25					
ANGULAR TOL		± 2.0°		INITIAL REVISION:				PRODUCT CUSTOMER DRAWING	
4 PLACES		±		DRWN: LLU20 2017/07/17				DOCUMENT NUMBER	
3 PLACES		±		APPR: RCHEN08 2017/08/15				2031431201	
2 PLACES		± 0.13		THIRD ANGLE PROJECTION				DOC TYPE	
1 PLACE		± 0.25						PSD	
0 PLACES		±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING		DOC PART	
				D-SIZE		SERIES		REVISION	
				203143		MATERIAL NUMBER		D1	
				SEE P/N TABLE		CUSTOMER		SHEET NUMBER	
				GENERAL MARKET				4 OF 7	

PCB LAYOUT FOR BELLY TO BELLY MOUNTING



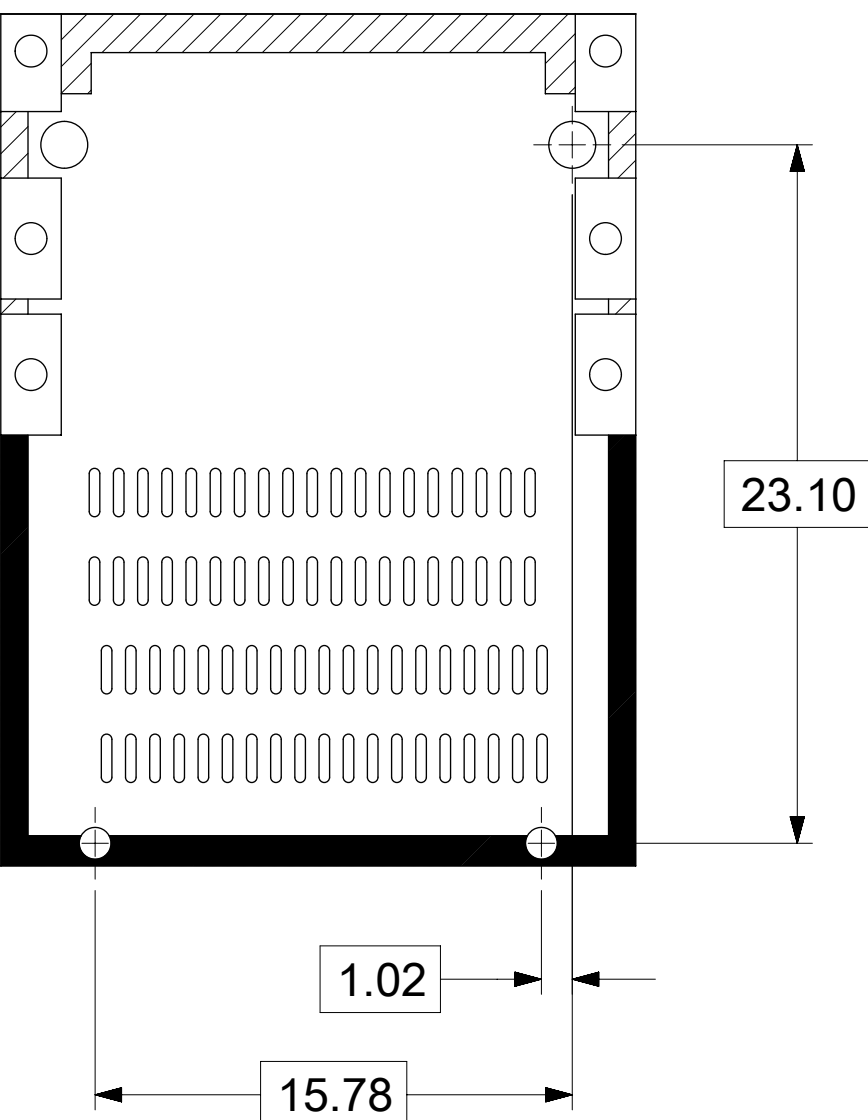
NOTE:
SEE SHEET 4 FOR
HOST CONNECTOR DETAIL
AND LED LOCATION DETAILS

NO REAR LEGS



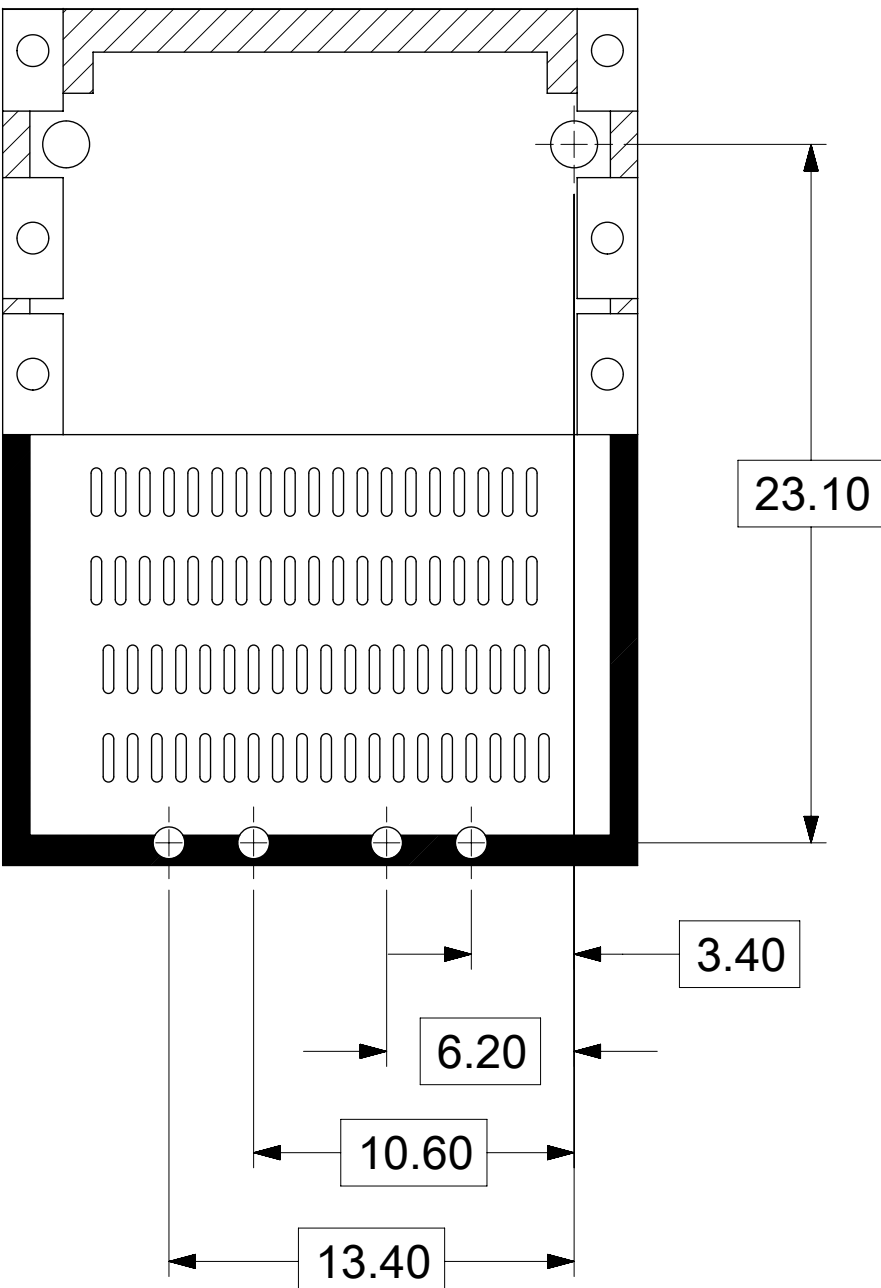
PARTIAL 1
SCALE 4:1

1 REAR LEG



PARTIAL 2
SCALE 4:1

2 REAR LEGS

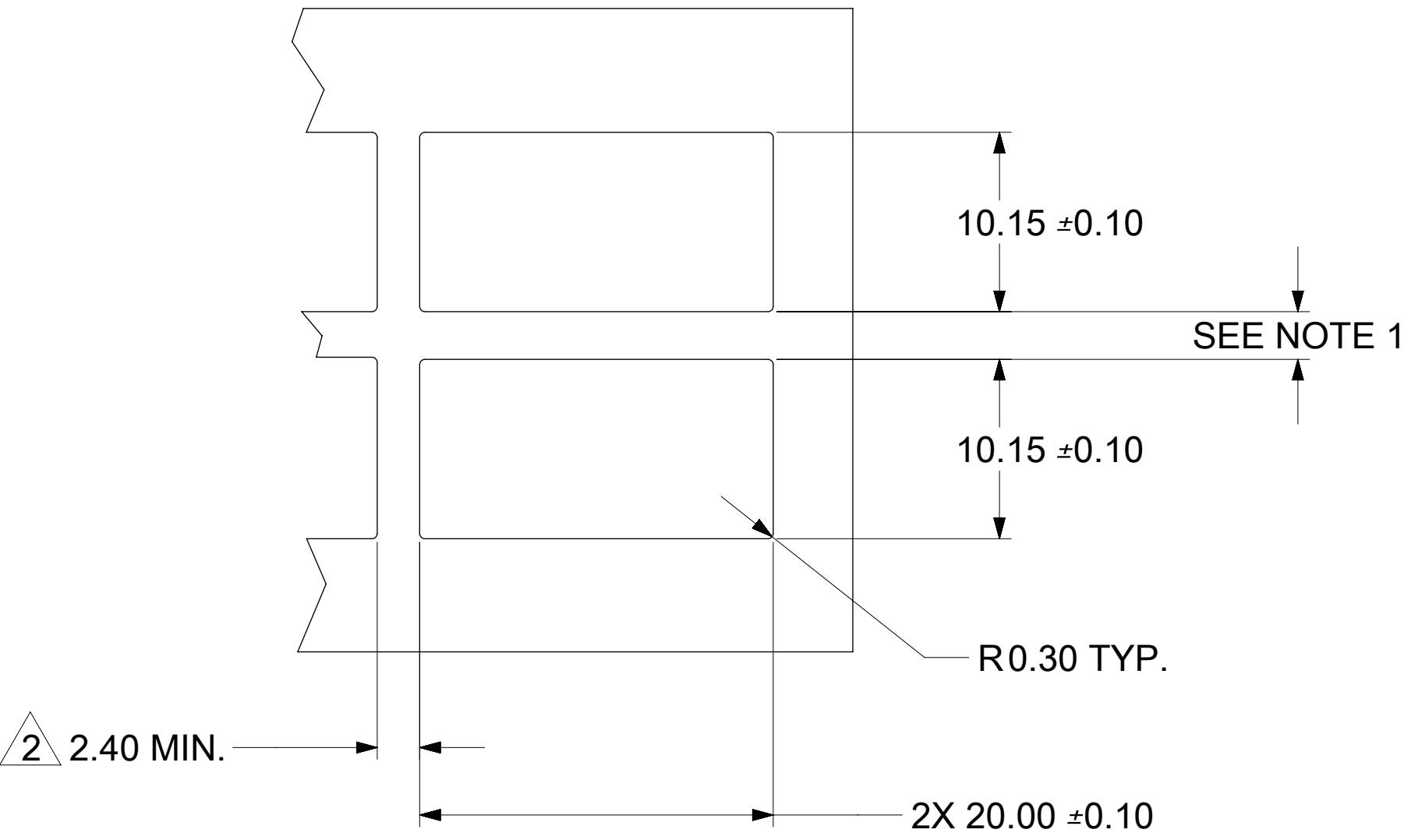
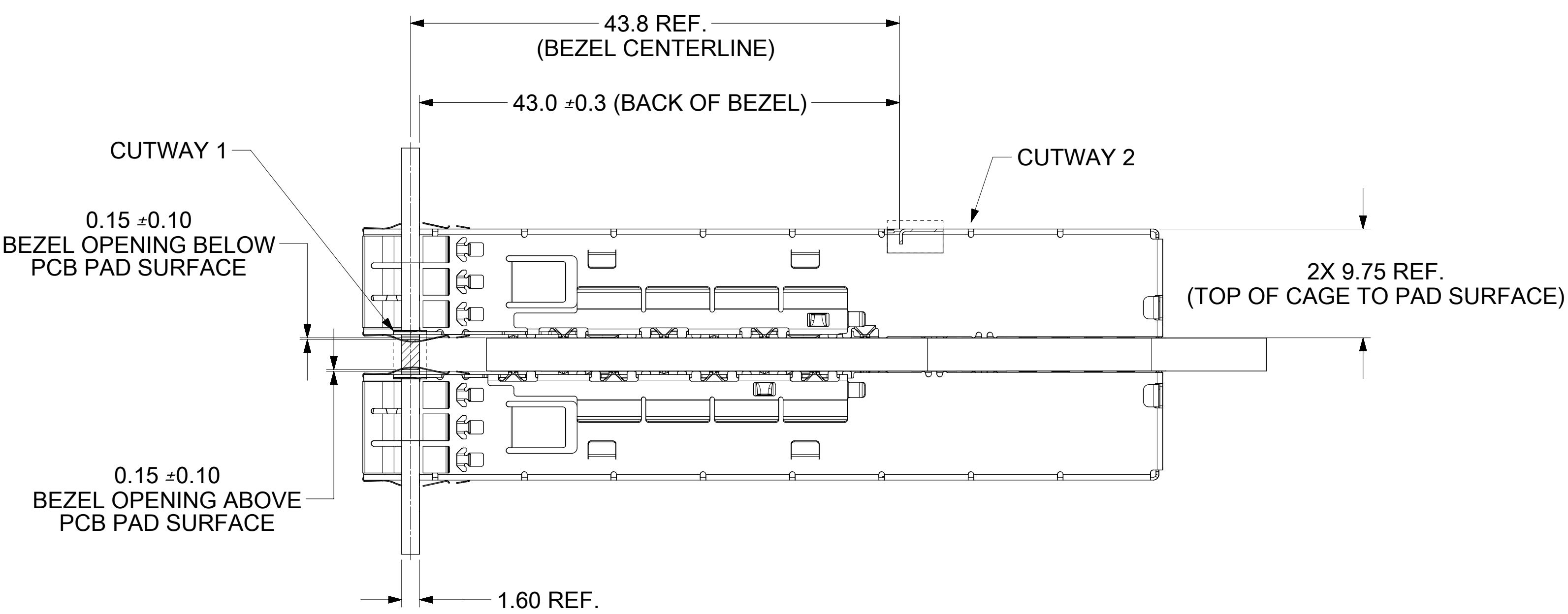


PARTIAL 3
SCALE 4:1

- NOTES:
1. PADS AND VIAS GO TO CHASSIS GROUND. (RECOMMENDED PADS TO BE 2.00x4.00mm RECTANGLE.)
 2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
 3. CONNECTOR PAD LAYOUT PER QSFP-DD WILL ACCOMODATE MOLEX CONNECTOR SERRIES 202718.

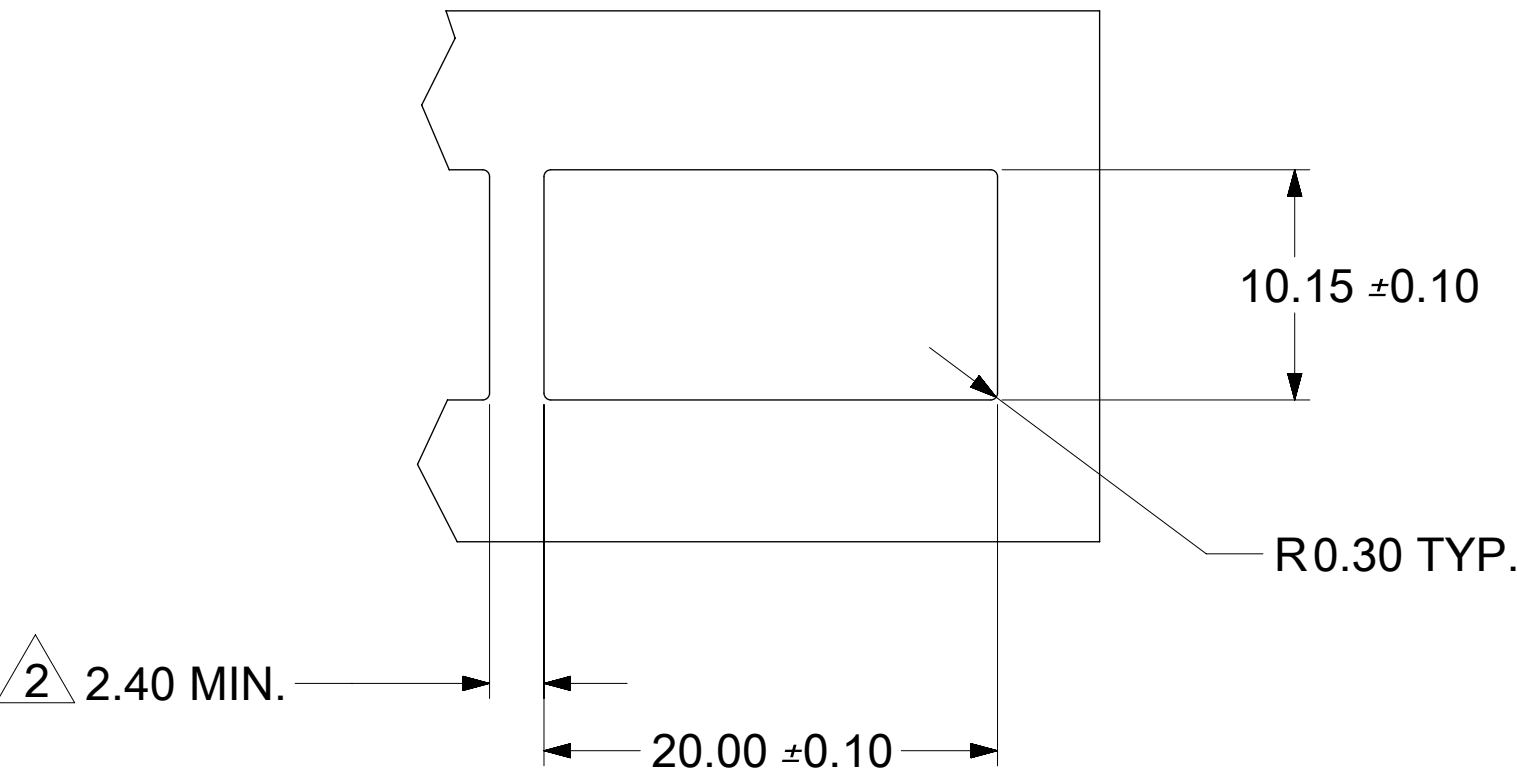
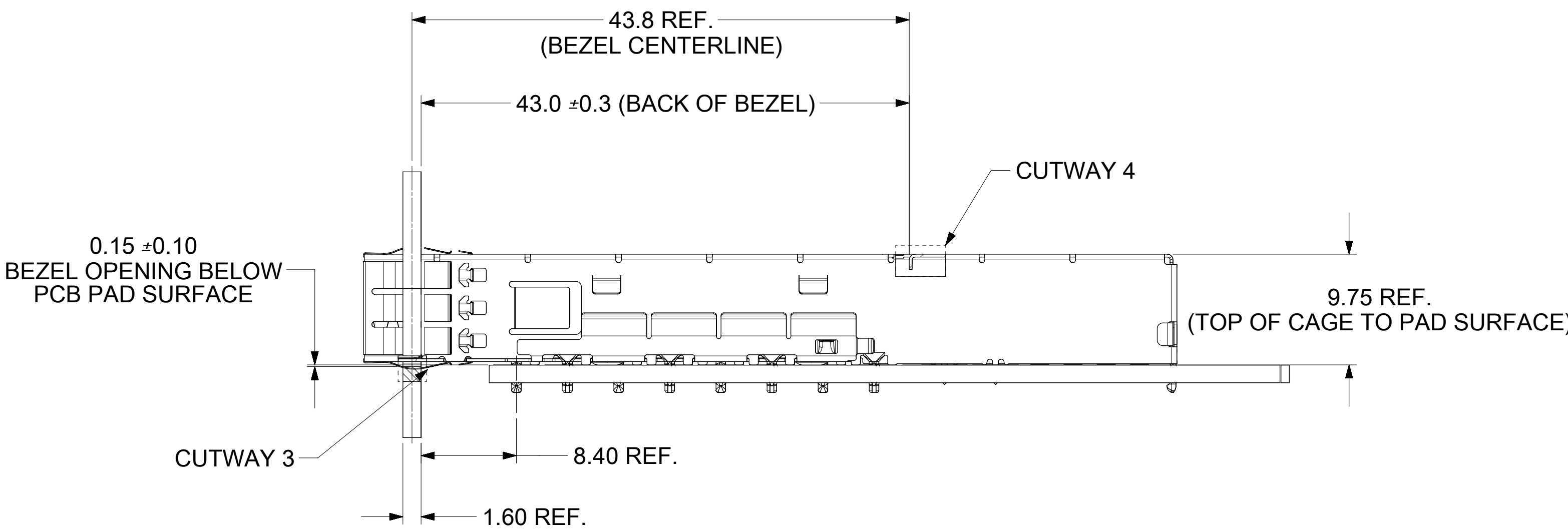
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE P/N TABLE				molex QSFP-DD 1X1 CAGE ASSY SF WITH FIN H/S OPTIONS							
mm		4:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL ± 2.0°				EC NO: 621316 DRWN: SCHIEN 2019/06/19 CHK'D: SCHIEN 2019/07/25 APPR: JCHIANG 2019/07/25				PRODUCT CUSTOMER DRAWING							
4 PLACES		±													
3 PLACES		±													
2 PLACES		± 0.13													
1 PLACE		± 0.25													
0 PLACES		±		INITIAL REVISION: DRWN: LLU20 2017/07/17 APPR: RCHEN08 2017/08/15				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
								2031431201		PSD	ASY	D1			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						D-SIZE		203143		SEE P/N TABLE		GENERAL MARKET		5 OF 7	

BEZEL AND BOARD POSITION DIMENSIONS
FOR BELLY TO BELLY MOUNTING



NOTE:
1. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMINING BEZEL OPENING LOCATION.
2. THIS DIMENSION IS FOR REFERENCE ONLY. USER CAN MODIFY IT 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



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 P/N TABLE				molex QSFP-DD 1X1 CAGE ASSY SF WITH FIN H/S OPTIONS									
mm		3:1															
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 621316 DRWN: SCHIEN 2019/06/19 CHK'D: SCHIEN 2019/07/25 APPR: JCHIANG 2019/07/25				PRODUCT CUSTOMER DRAWING									
ANGULAR TOL ± 2.0°																	
4 PLACES		±															
3 PLACES		±															
2 PLACES		± 0.13		INITIAL REVISION: DRWN: LLU20 2017/07/17 APPR: RCHEN08 2017/08/15				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION			
1 PLACE		± 0.25						2031431201		PSD		ASY		D1			
0 PLACES		±															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
								D-SIZE		203143		SEE P/N TABLE		GENERAL MARKET		6 OF 7	

