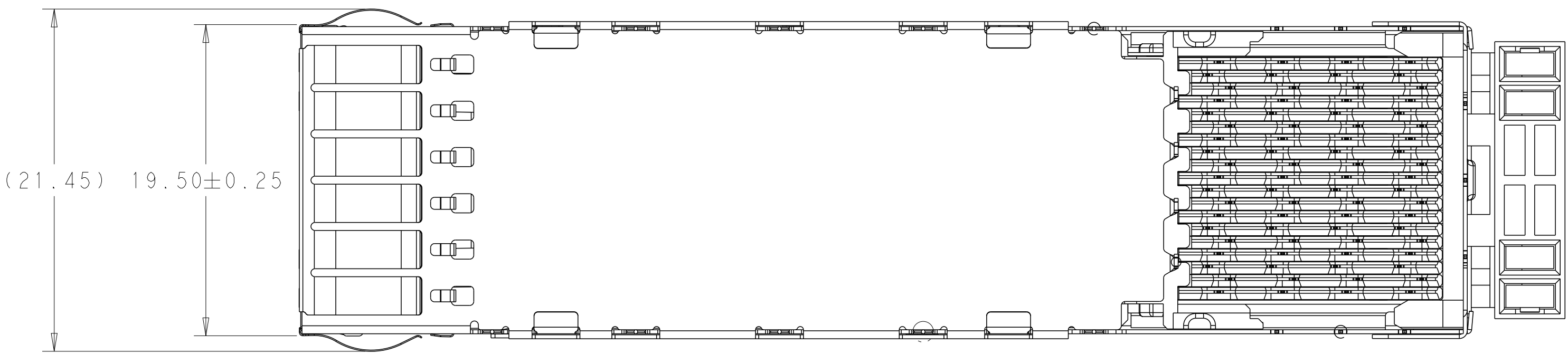
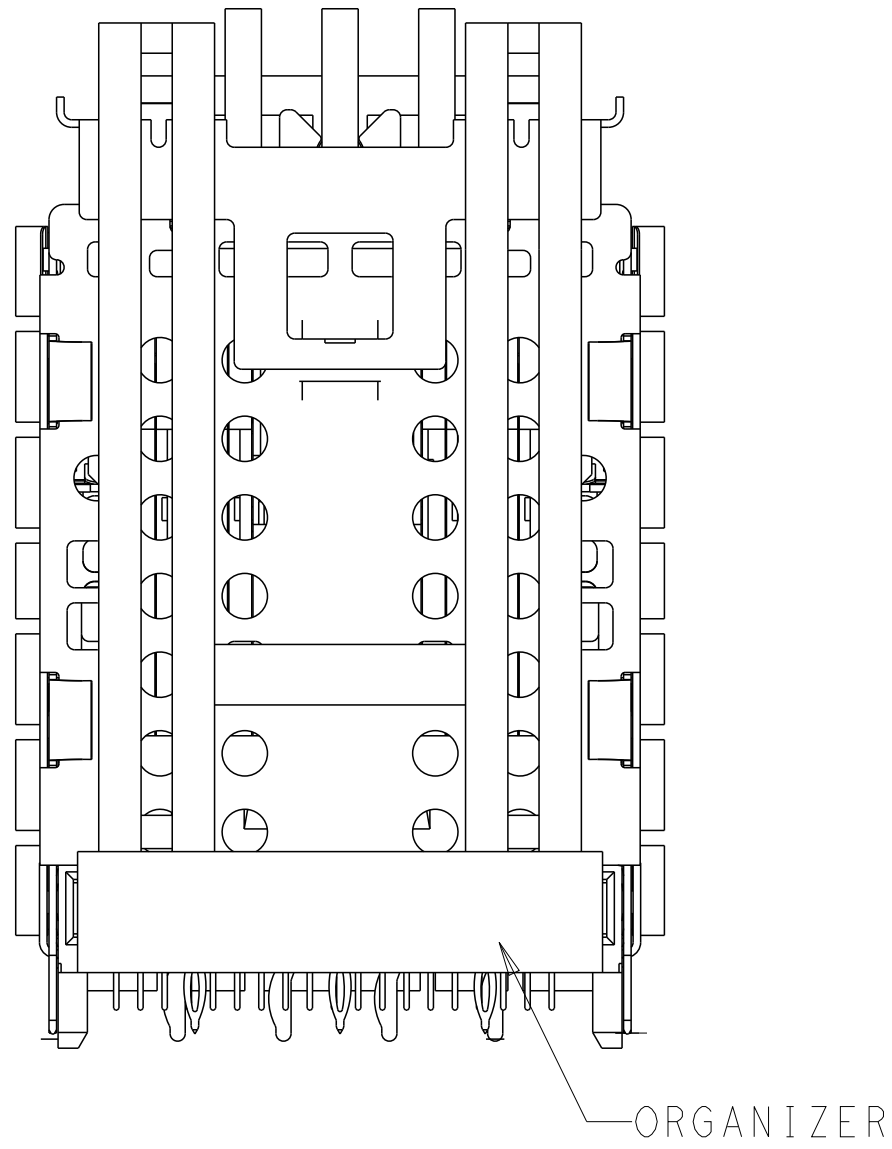
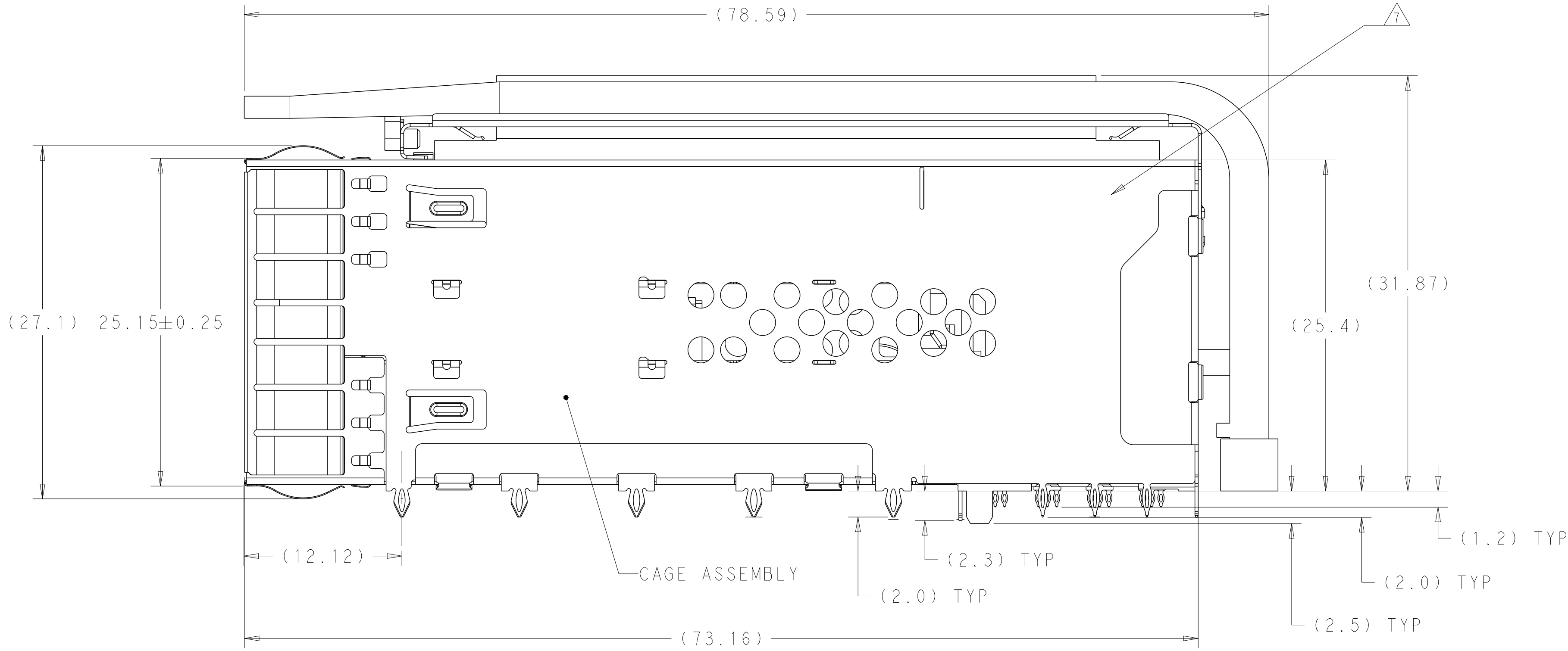
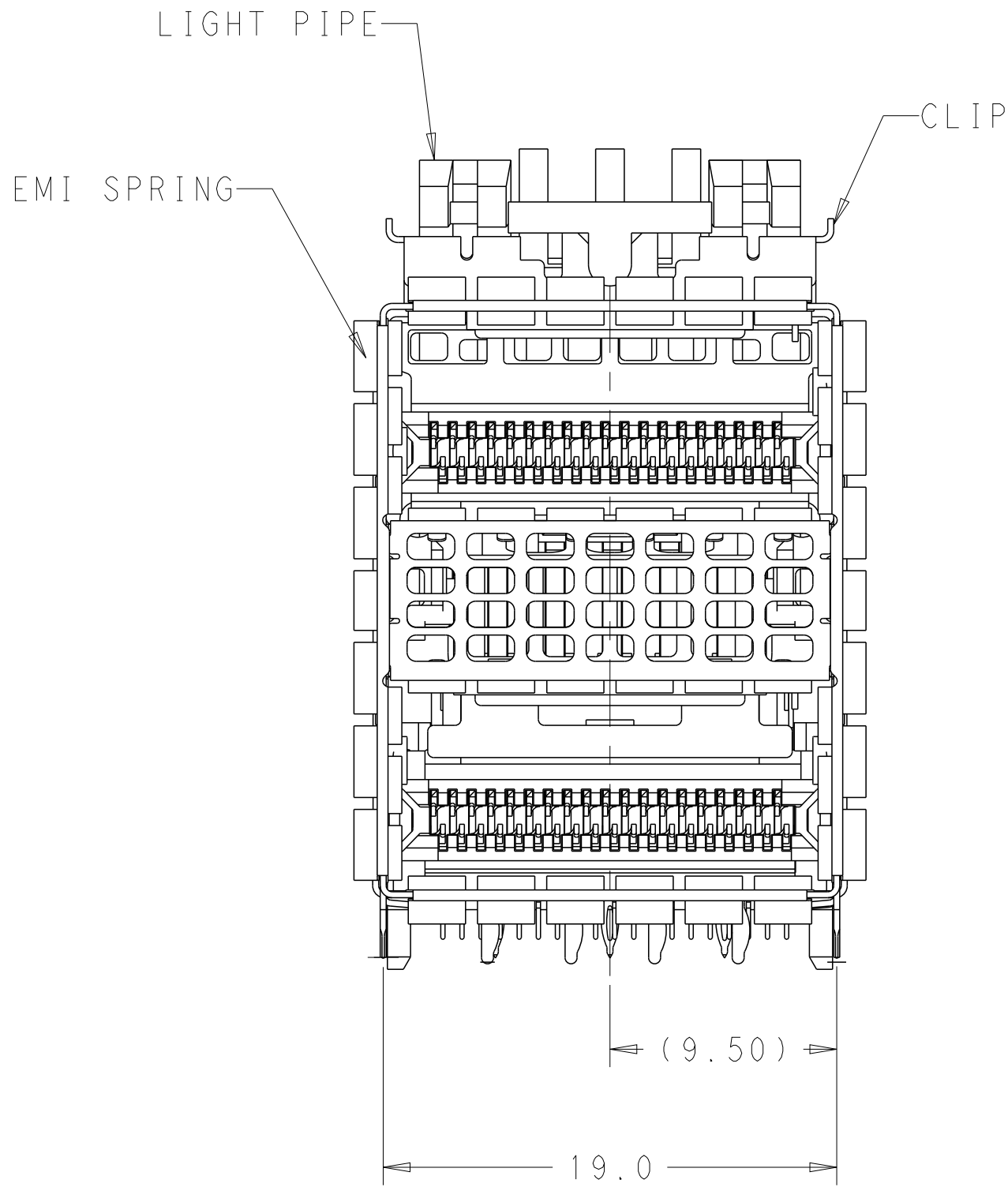


LOC —	DIST —	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
		A		INITIAL RELEASE	24MAR2017	AJ	SH	
		B		REVISED PER ECO-18-005125	02APR2018	TX	SH	
		C		REVISED PER ECR-21-000644	2FEB2021	RM	SZ	
		D		ADDED 1-2299940-5	06SEP2024	AB	SZ	



1. MATERIALS:
CAGE ASSEMBLY- NICKEL SILVER ALLOY PER ASTM B 122.
EMI SPRING- COPPER ALLOY, NICKEL PLATED.
HOUSING- POLYESTER LCP WITH 94V-0.
CHICKLET- POLYESTER LCP WITH 94V-0.
CONTACT- COPPER ALLOY.
LIGHTPIPE- POLYCARBONATE WITH 94V-0.

CONTACT FINISH: 0.76µm GOLD ON MATING END, 1.25µm MATT TIN ON SOLDER TAIL, ALL OVER 1.27µm NICKEL.

DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.

4. MINIMUM PCB THICKNESS OF 1.57.

THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS.

CROSS-HATCHED AREAS REPRESENT ZONES ON THE PCB THAT COME IN CONTACT WITH OR BE IN CLOSE PROXIMITY TO THE PLASTIC HOUSING OR THE CONNECTOR CAGE. INDICATED AREAS TO BE CONSIDERED TRACE FREE.

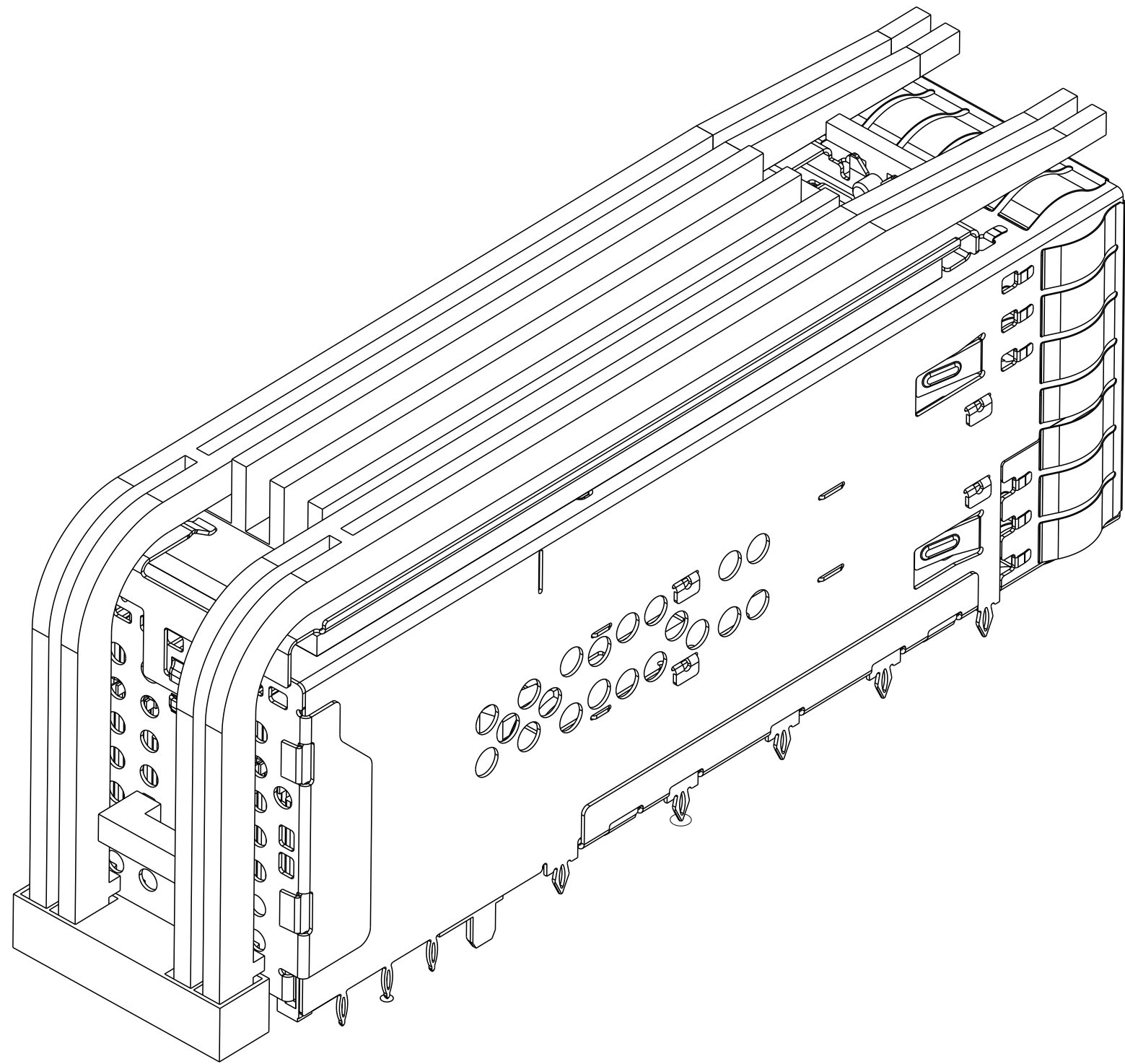
PART NUMBER AND DATE CODE MAKED IN APPROXIMATE AREA SHOWN.

HATCHED AREA IS PLACEMENT ZONE FOR LED. LED SHOULD BE CENTERED WITHIN ZONE. RECOMMEND 0805 PACKAGE.

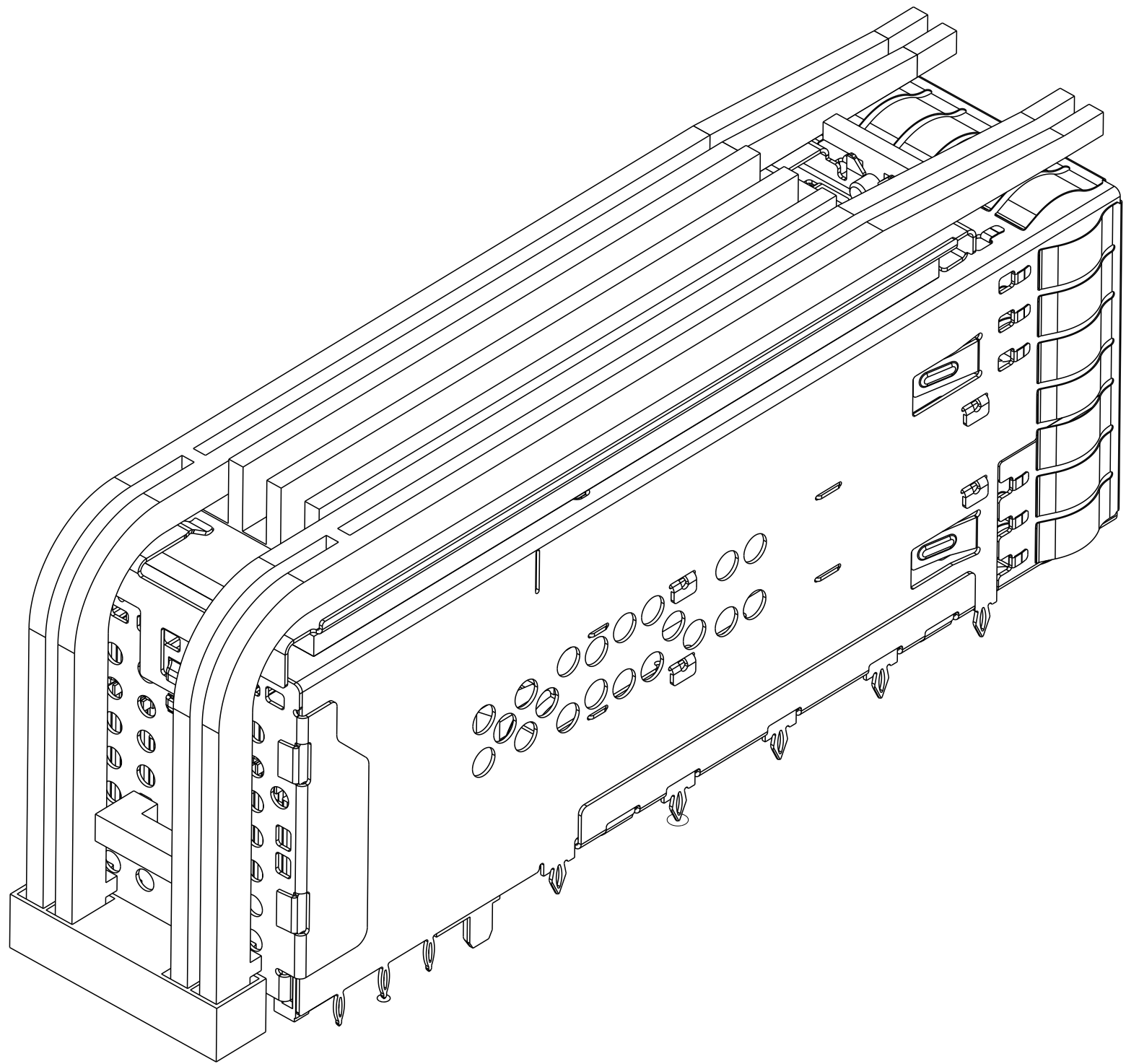
	WITH HS & WITHOUT LP	1-2299940-5
	WITH HS & WITH LP	1-2299940-2
	WITH HS & WITH LP	2299940-8
	WITH HS & WITHOUT LP	2299940-6
	WITH HS & WITH LP	2299940-5
	WITHOUT UPPER HS OR LP	2299940-4
	WITH HS & WITHOUT LP	2299940-3
	WITH HS & WITHOUT LP	2299940-2
	WITH HS & WITH LP	2299940-1
CONTACT FINISH	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ARTHUR JIN 02FEB2016	TE Connectivity	
DIMENSIONS:		CHK SEAN HAN 02FEB2016		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD SEAN HAN 02FEB2016	NAME	
	0 PLC ±	PRODUCT SPEC	CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X1 ZQSPF+ STACKED WITH HS	
	1 PLC ±0.25	APPLICATION SPEC		
	2 PLC ±0.15	SIZE	CAGE CODE	DRAWING NO
	3 PLC ±	WEIGHT	-	-
	4 PLC ±	A100779C=2299940		RESTRICTED TO
	ANGLES FINISH	CUSTOMER DRAWING		-
SEE NOTE 1		SCALE 5:1		SHEET 1 OF 10
				REV D

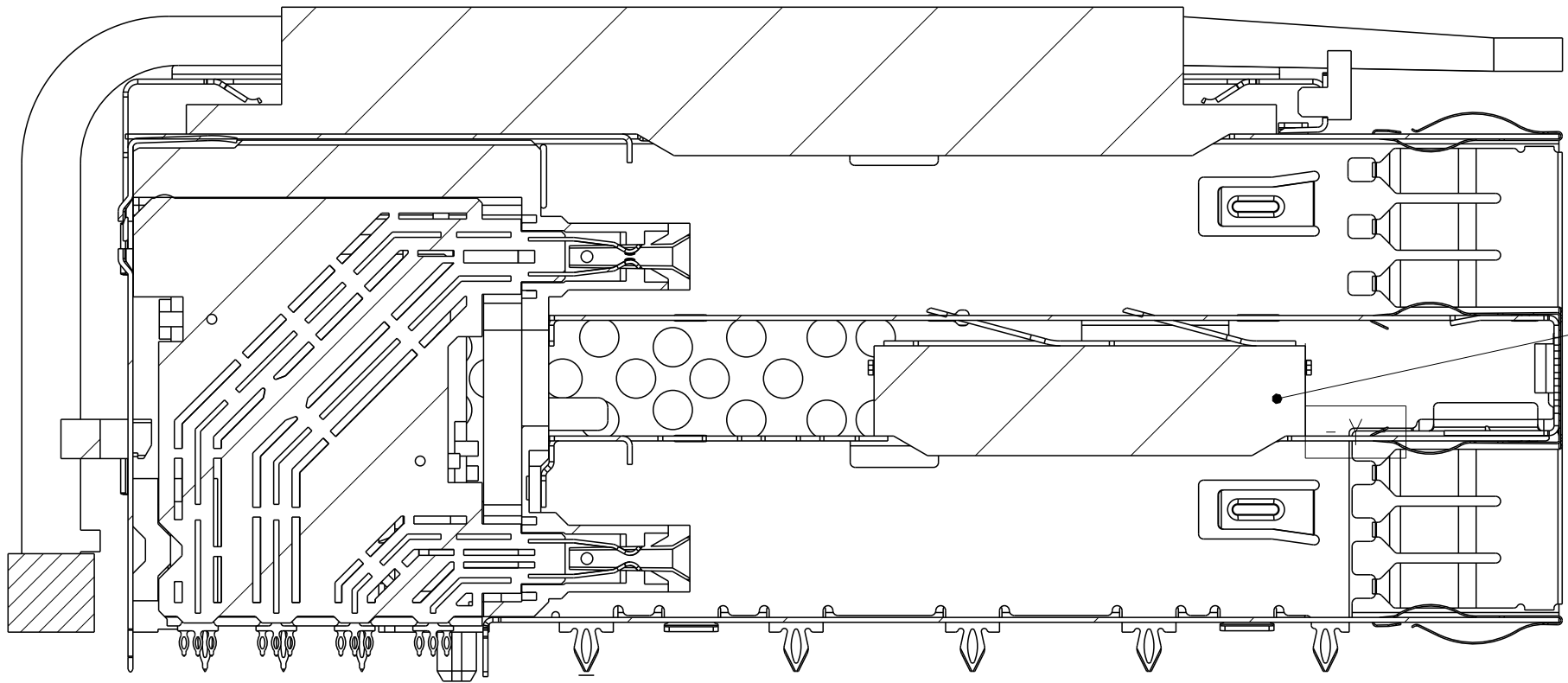
LOC		DIST		REVISONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	



2299940-1 AS SHOWN
SCALE 3:1

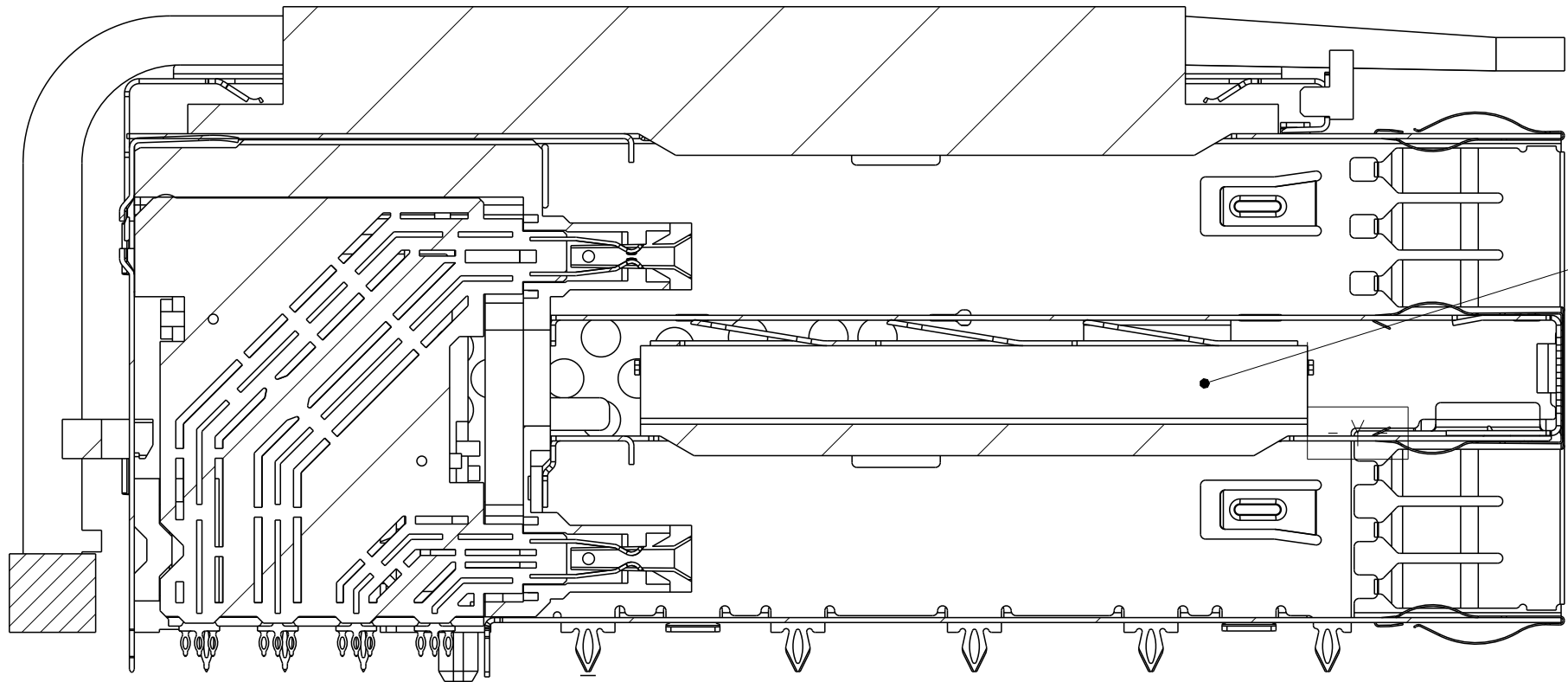


2299940-5 AS SHOWN
THE SAME APPEARANCE WITH 2299940-1
EXCEPT WITH DIFFERENT INTERNAL HEAT SINK
SCALE 3:1



2299940-1/2299940-8 WITH SHORT INTERNAL HEAT SINK
SECTION U-U
SCALE 3:1

SHORT INTERNAL
HEAT SINK

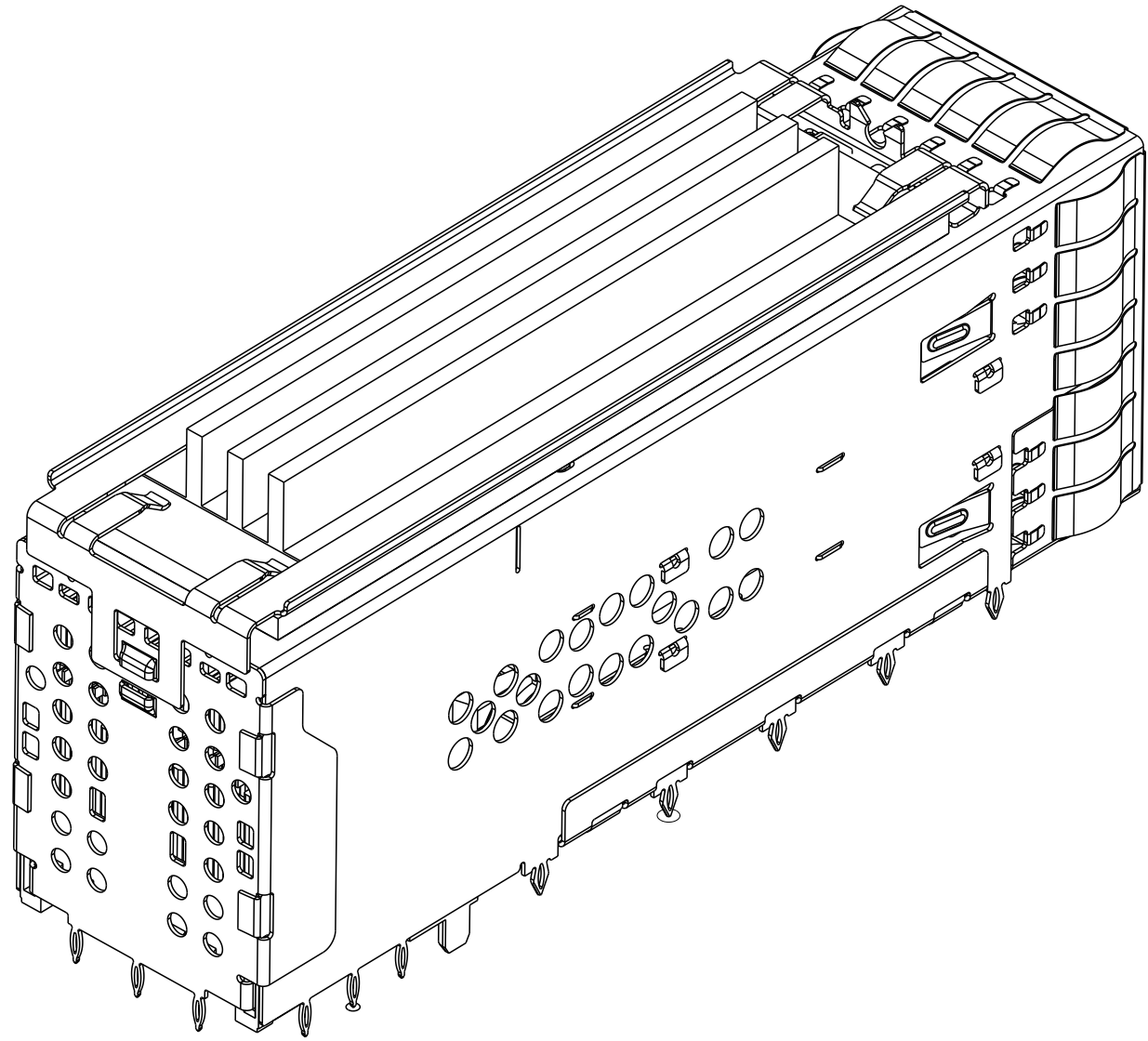


2299940-5 WITH LONGER INTERNAL HEAT SINK
SECTION U-U
SCALE 3:1

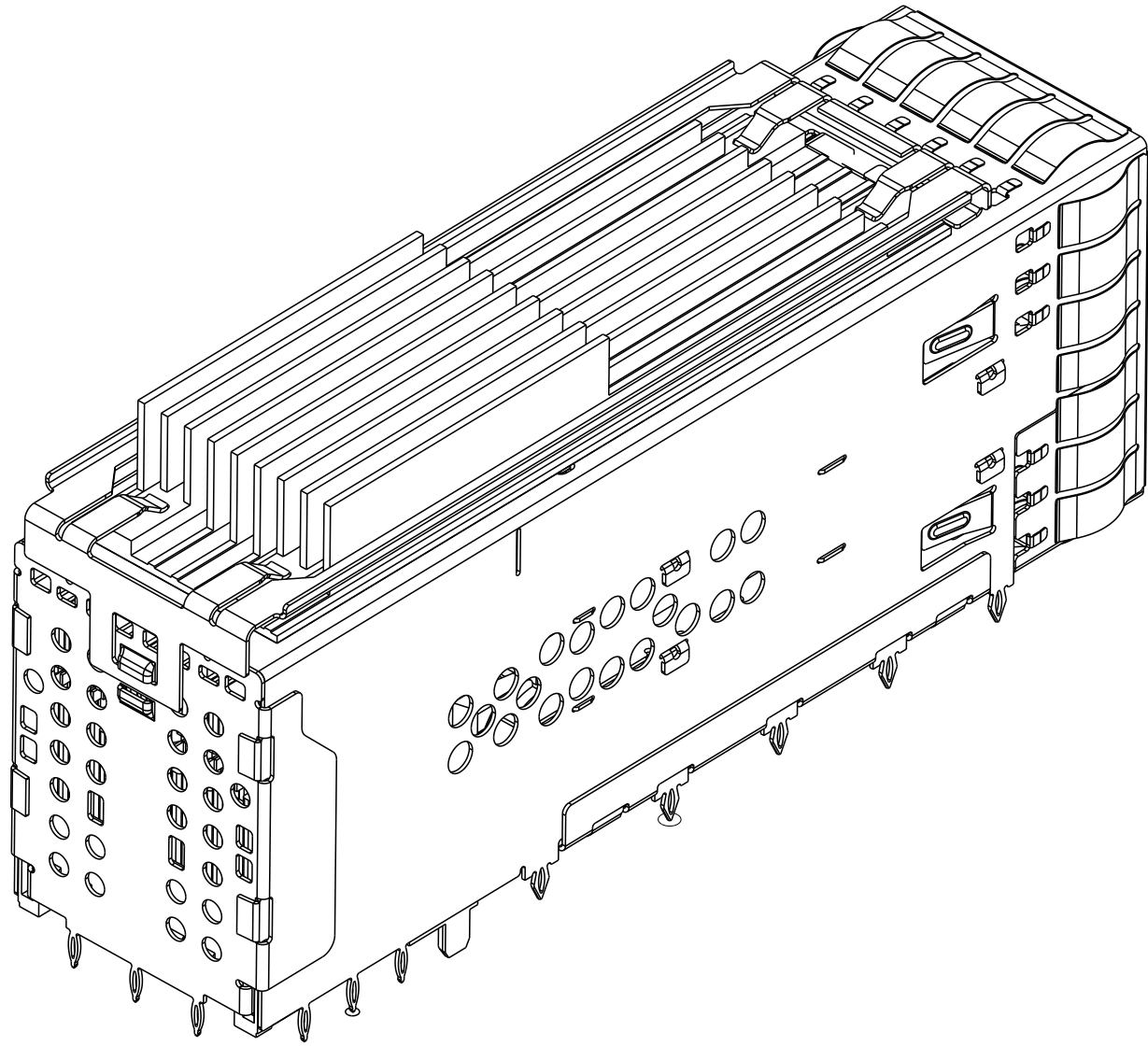
LONGER INTERNAL
HEAT SINK

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ARTHUR JIN 02FEB2016	TE Connectivity	
DIMENSIONS:		CHK SEAN HAN 02FEB2016		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD SEAN HAN 02FEB2016	NAME	CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X1 ZQSF+ STACKED WITH HS
	0 PLC ± 1 PLC ±0.25 2 PLC ±0.15 3 PLC ± 4 PLC ± ANGLES ± FINISH	PRODUCT SPEC	SIZE	A1
MATERIAL	SEE NOTE 1	APPLICATION SPEC	CAGE CODE	00779
		WEIGHT	DRAWING NO	C=2299940
		CUSTOMER DRAWING	SCALE	5:1
			SHEET	2
			OF	10
			REV	D

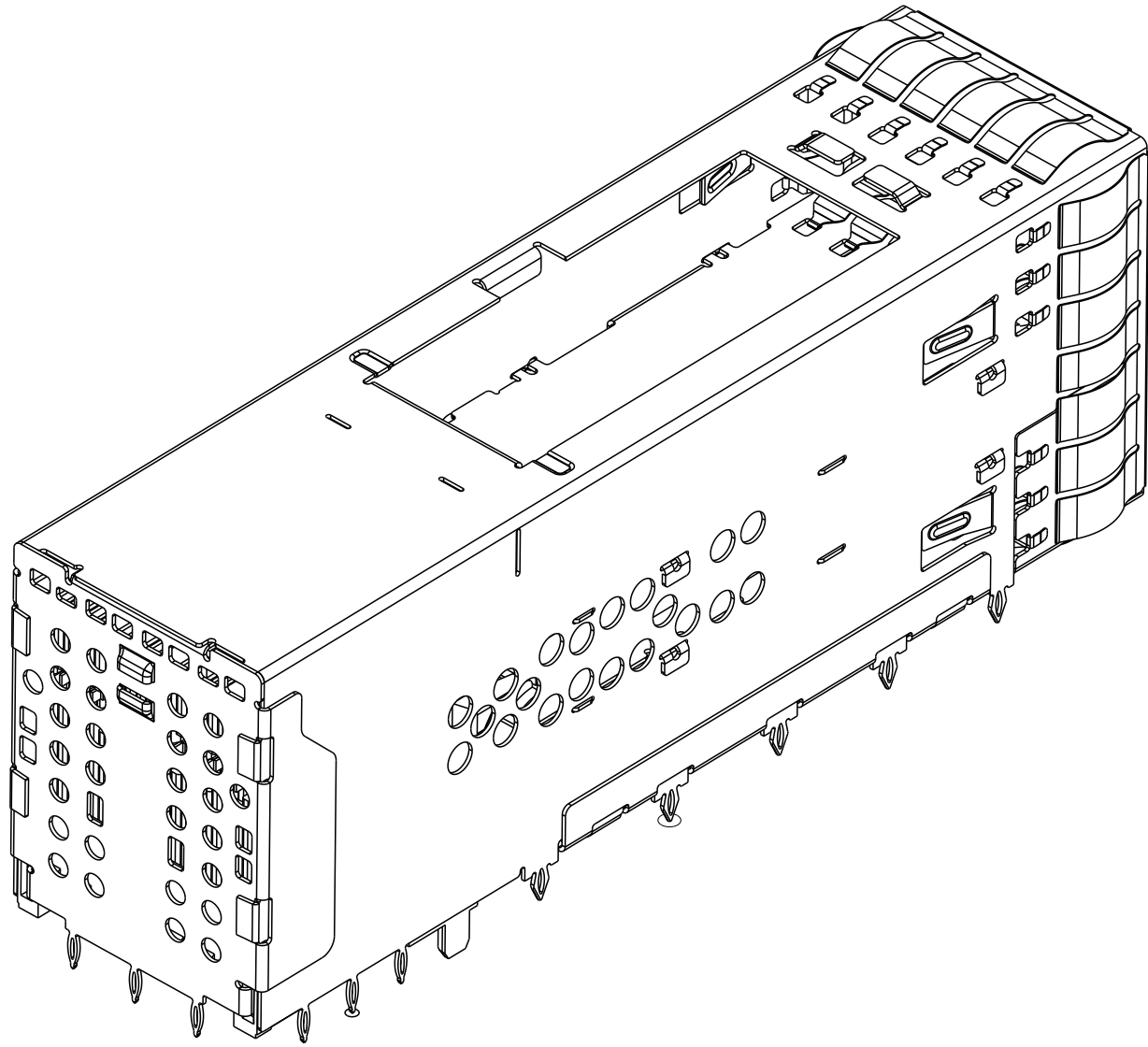
LOC		DIST		REVISIONS					
-		-		DESCRIPTION			DATE	DWN	APVD
		P	LTR						
			-	SEE SHEET 1			-	-	-



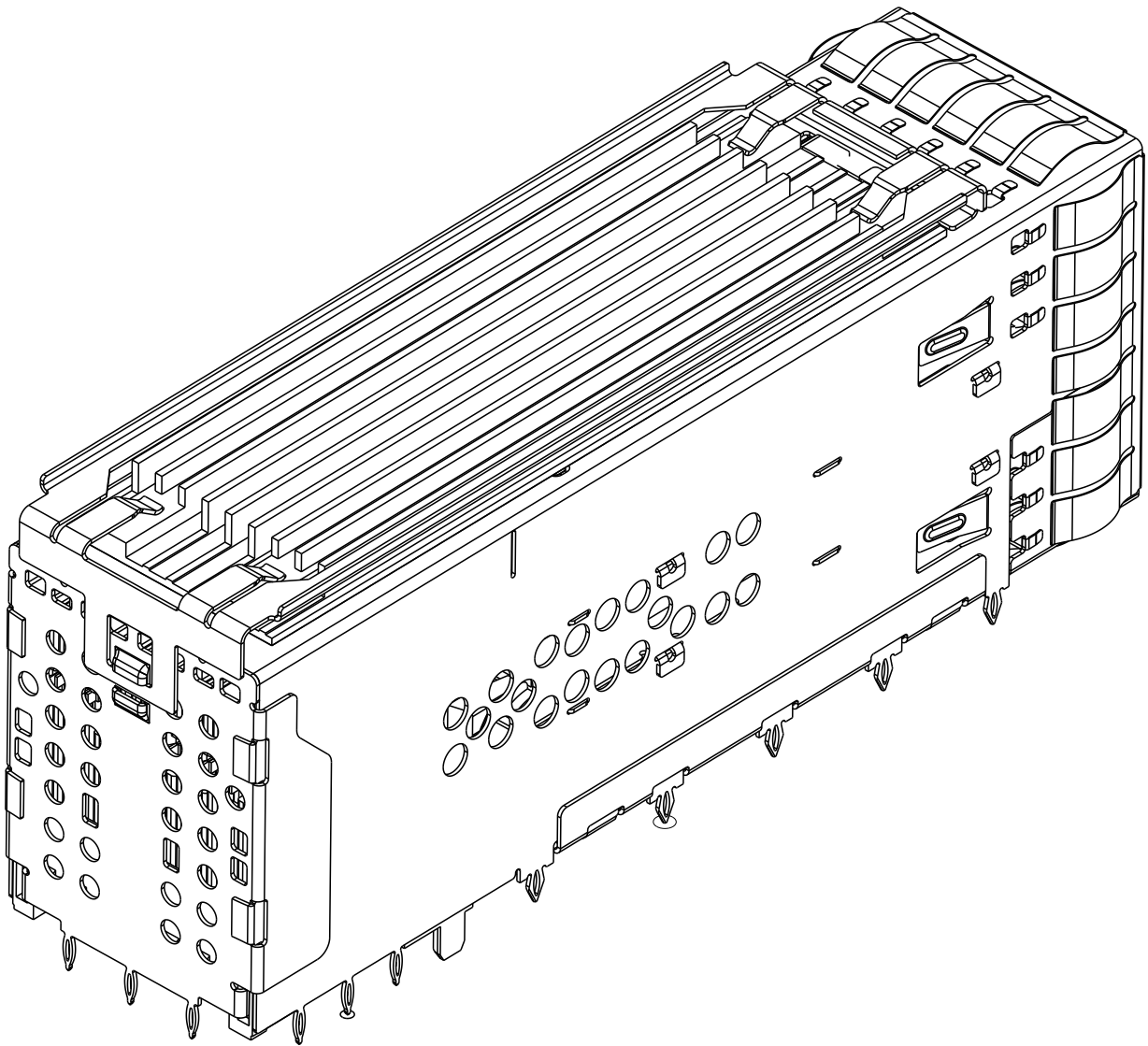
2299940-2 AS SHOWN
THE SAME AS 2299940-5 EXCEPT
W/O LIGHT PIPE AND ORGANIZER
SCALE 5:2



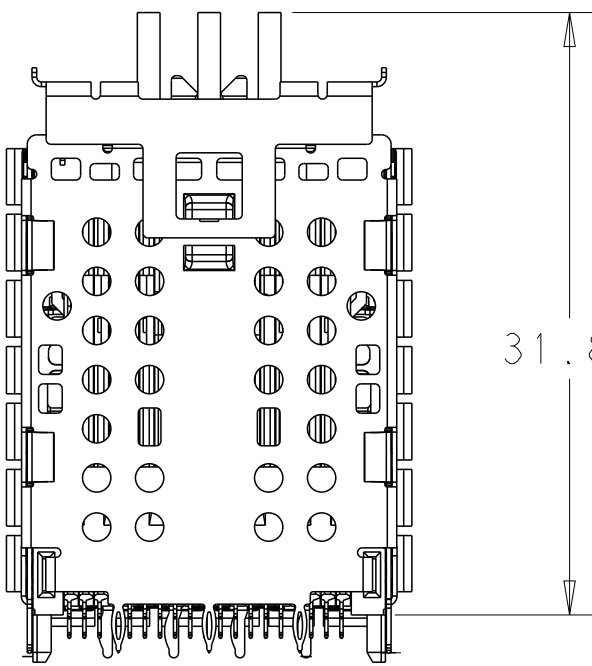
2299940-3 AS SHOWN
THE SAME AS 2299940-2
EXCEPT THE DIFFERENT EXTERNAL HEAT SINK
SCALE 5:2



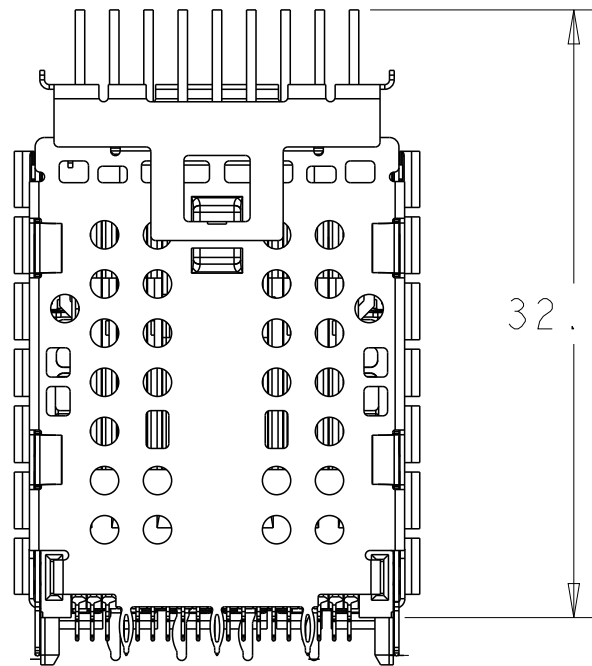
2299940-4 AS SHOWN
THE SAME AS 2299940-2
EXCEPT W/O EXTERNAL HEAT SIN/CLIP
SCALE 5:2



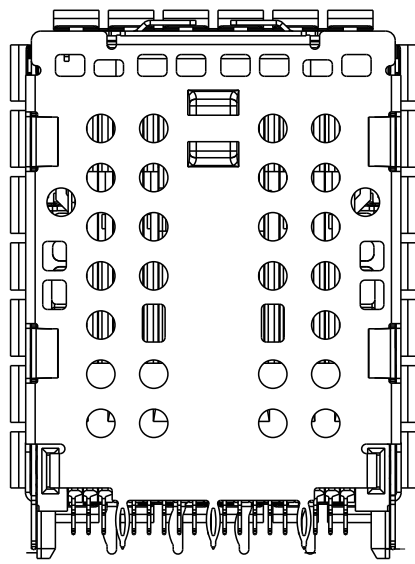
2299940-6
THE SAME AS 2299940-2
EXCEPT THE DIFFERENT EXTERNAL HEAT SINK
SCALE 5:2



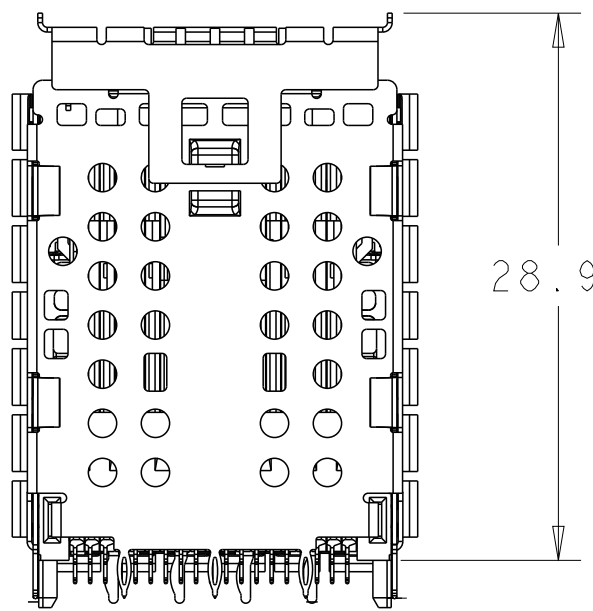
2299940-2 AS SHOWN
SCALE 5:2



2299940-3 AS SHOWN
SCALE 5:2



2299940-4 AS SHOWN
SCALE 5:2



2299940-6 AS SHOWN
SCALE 5:2

THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: ARTHUR JIN 02FEB2016
CHK: SEAN HAN 02FEB2016
APVD: SEAN HAN 02FEB2016

NAME: CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X1 ZQSFP+ STACKED WITH HS

DIMENSIONS:

mm

0 PLC ±
1 PLC ±0.25
2 PLC ±0.15
3 PLC ±
4 PLC ±
ANGLES ±
FINISH -

TOLERANCES UNLESS OTHERWISE SPECIFIED:

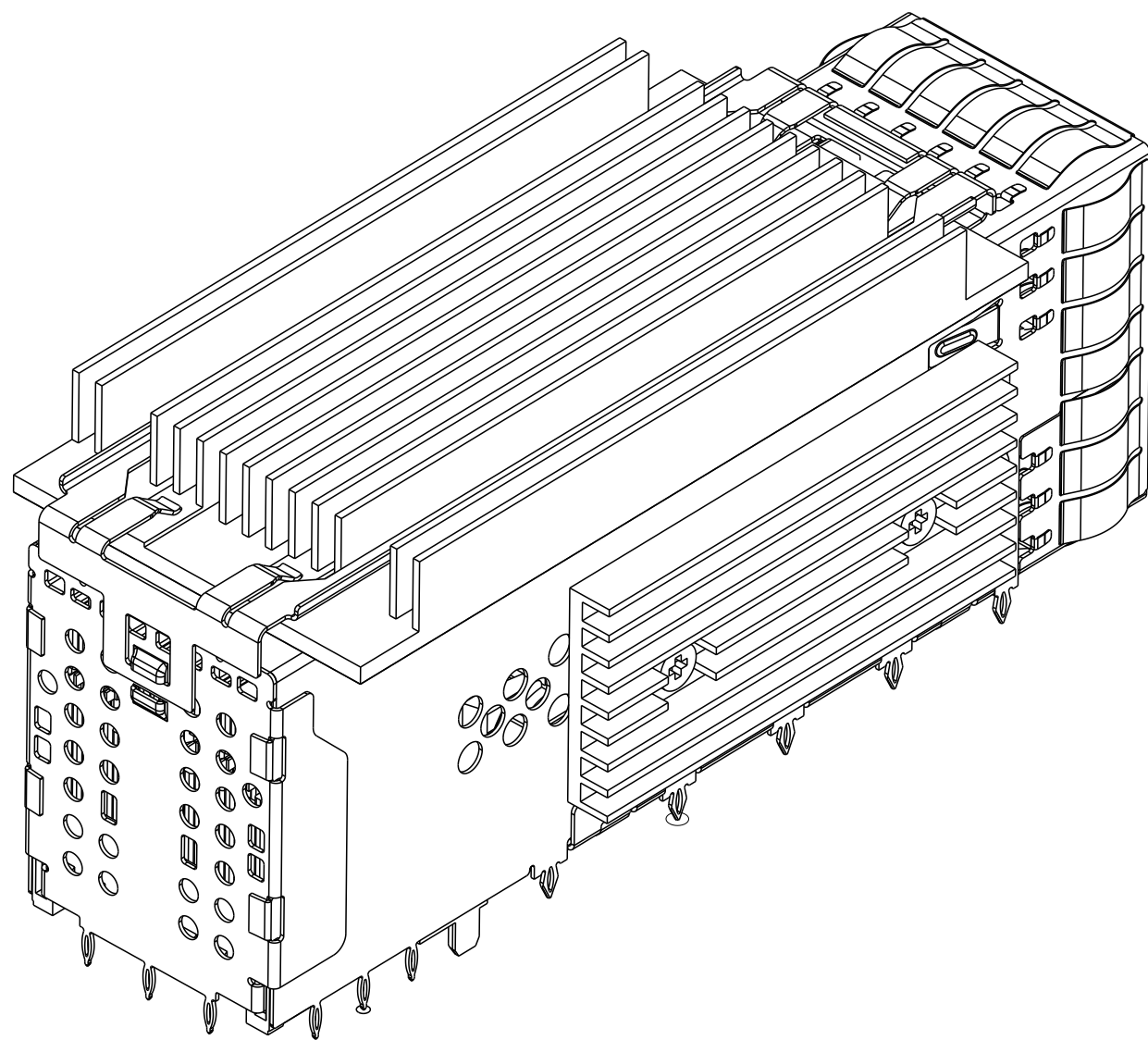
PRODUCT SPEC
APPLICATION SPEC
WEIGHT
CUSTOMER DRAWING

SIZE: A1
CAGE CODE: 00779
DRAWING NO: C=2299940

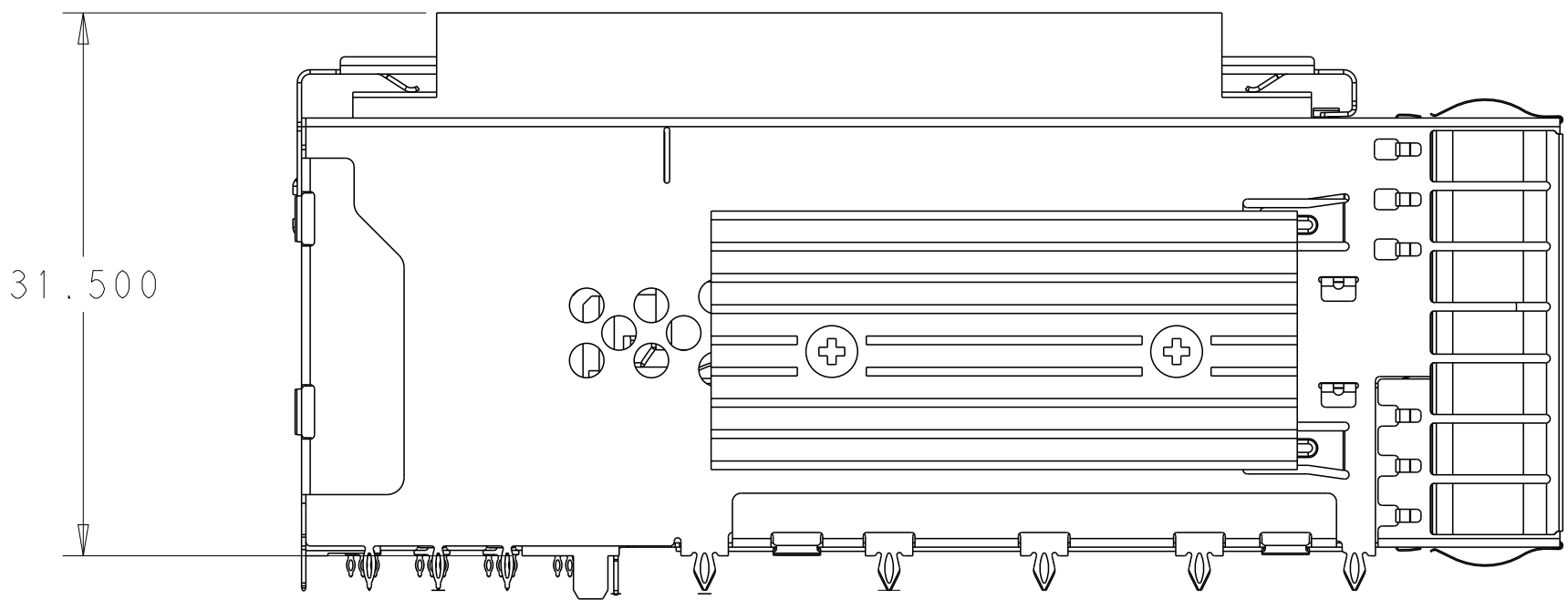
RESTRICTED TO: -

TE Connectivity

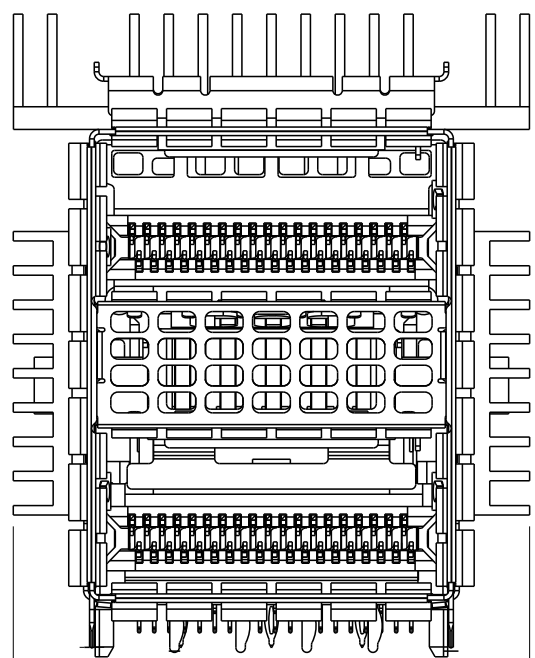
SCALE: 5:1
SHEET: 3 OF 10
REV: D



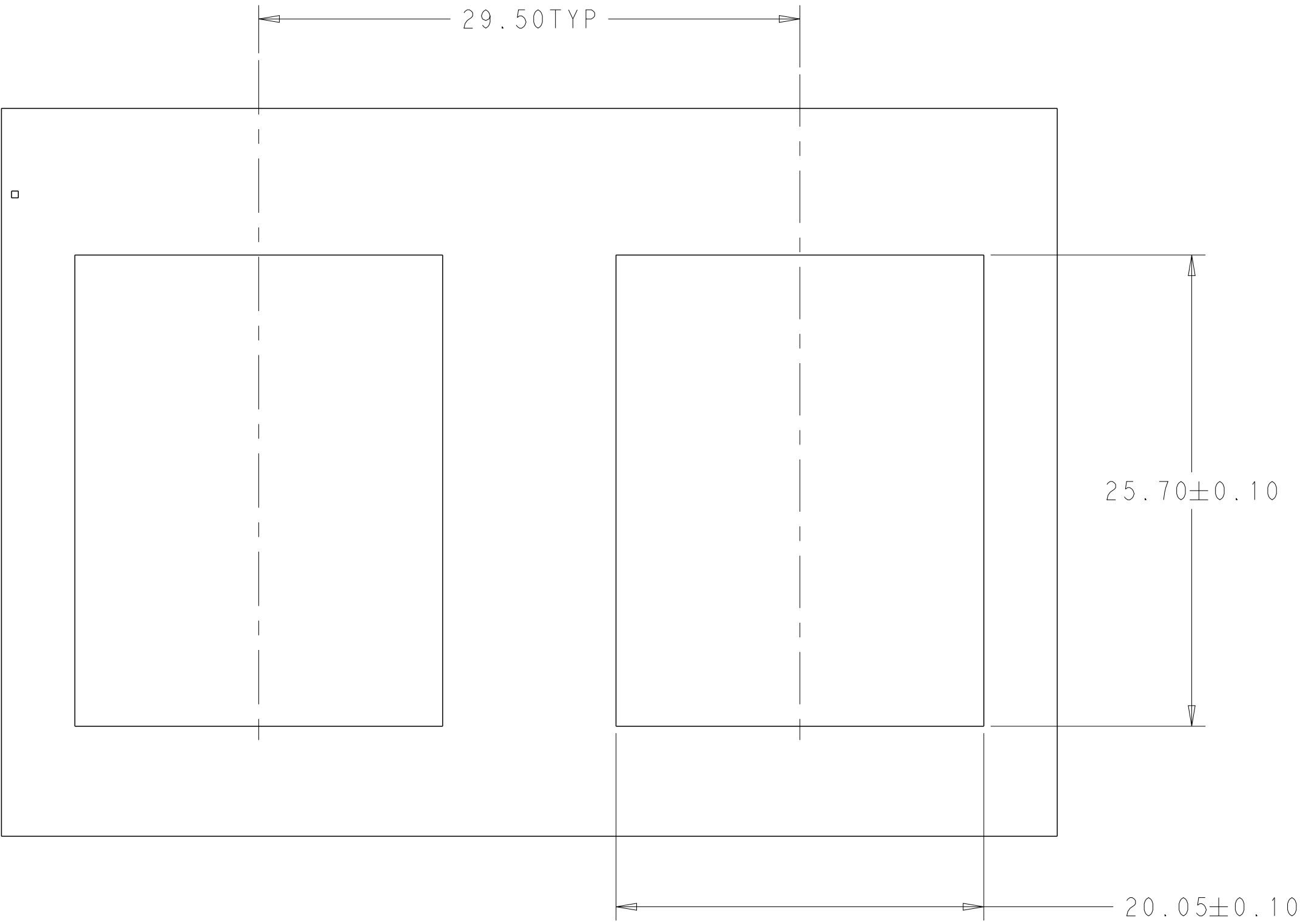
1-2299940-5 AS SHOWN
SIMILAR TO 2299940-3 EXCEPT THE TOP
AND MID HEAT SINK
SCALE 5:2



1-2299940-5 AS SHOWN
SCALE 5:2



27.32 REF

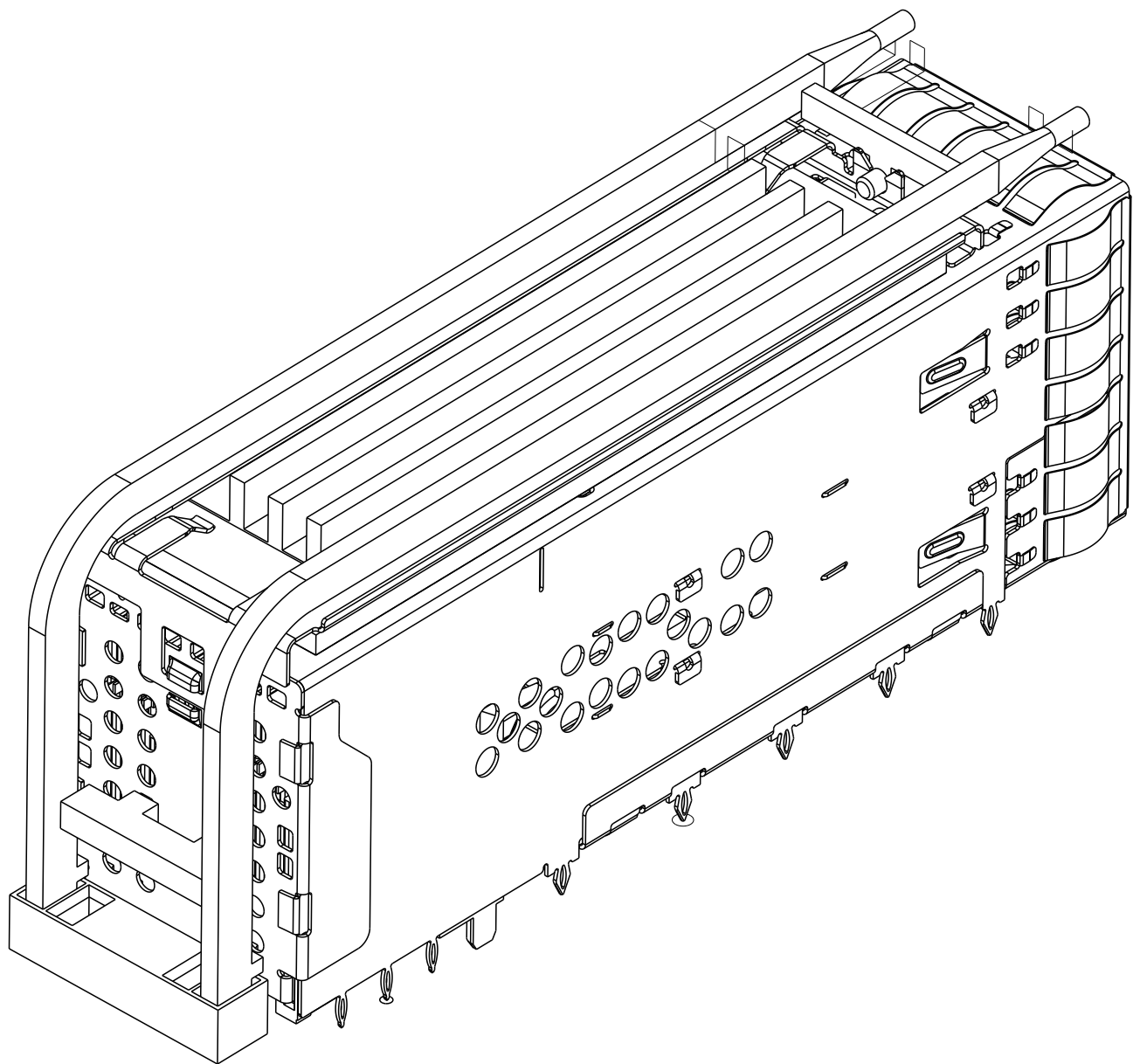


1-2299940-5 RECOMMENDED BEHIND BEZEL PANEL CUTOUT
SCALE 4:1

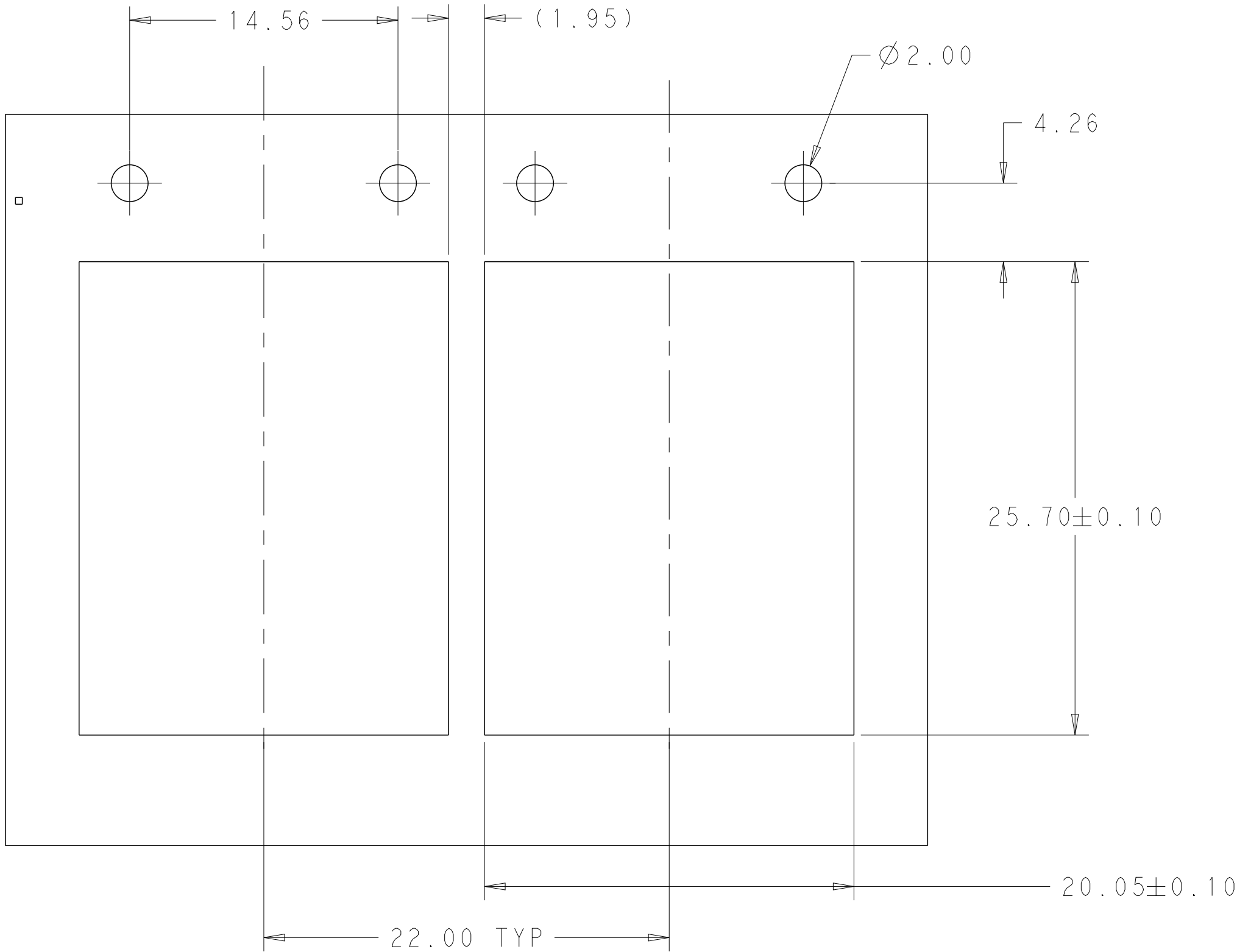
LOC		DIST		REVISONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ARTHUR JIN 02FEB2016	TE Connectivity	
		CHK SEAN HAN 02FEB2016		
DIMENSIONS:		APVD SEAN HAN 02FEB2016	NAME CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X1 ZQSFP+ STACKED WITH HS	
mm		PRODUCT SPEC		
		APPLICATION SPEC	SIZE A100779	
			CAGE CODE C=2299940	
		WEIGHT	RESTRICTED TO	
			-	
MATERIAL SEE NOTE 1		CUSTOMER DRAWING	SCALE 5:1	
			SHEET 4 OF 10	
			REV D	

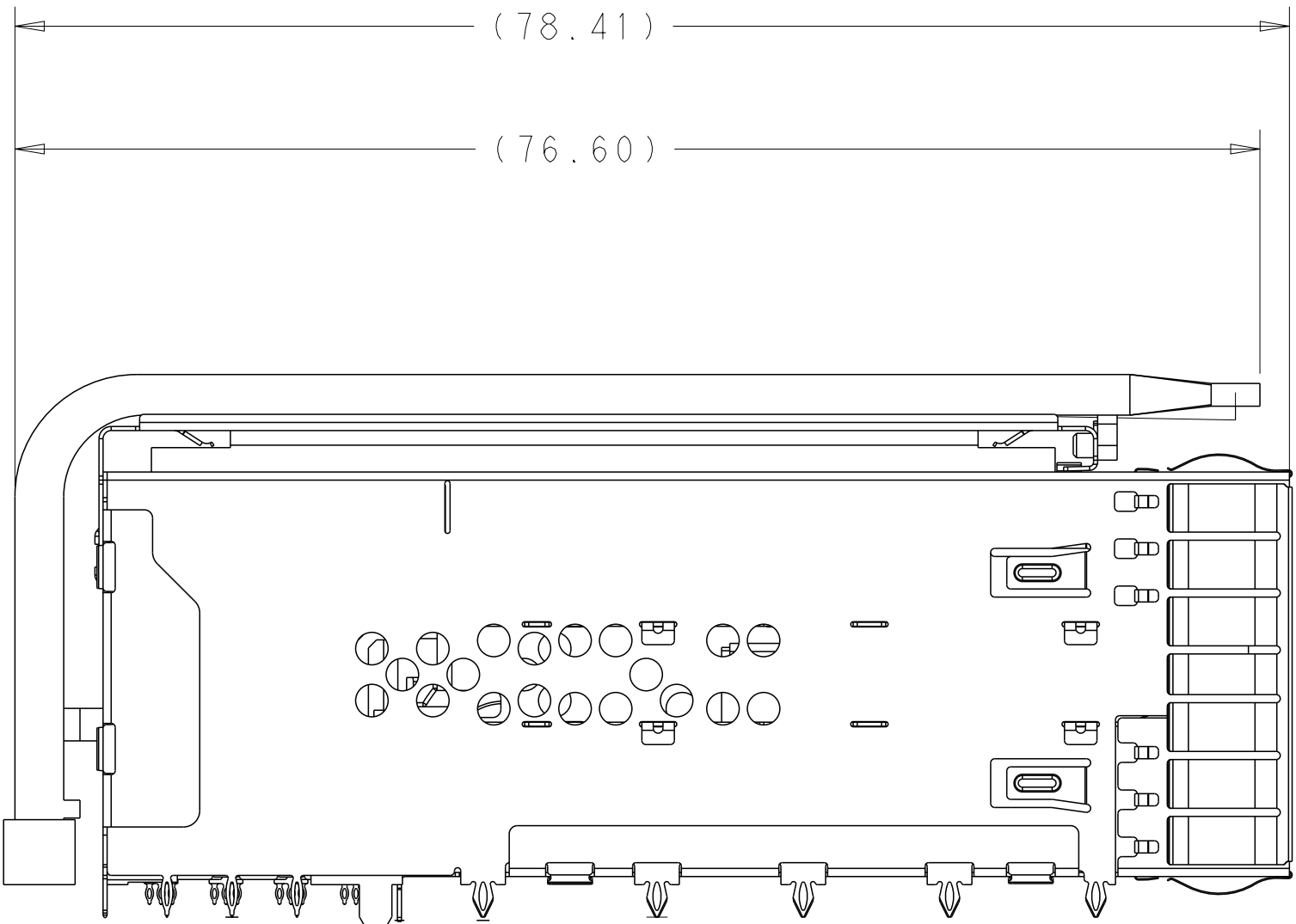
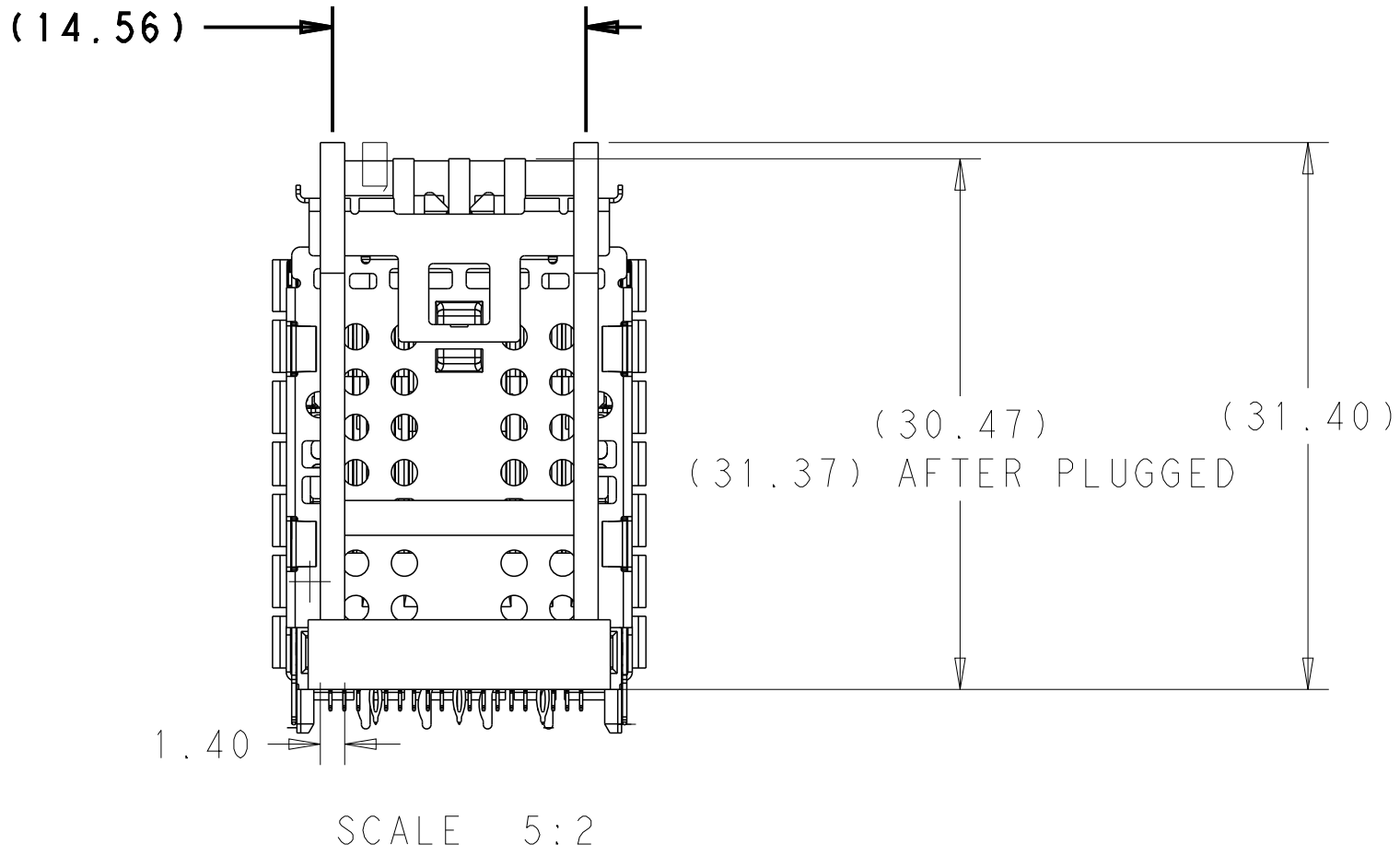
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	



2299940-8 AS SHOWN
THE SAME AS 2299940-1 EXCEPT
LIGHT PIPE AND HS
SCALE 5:2

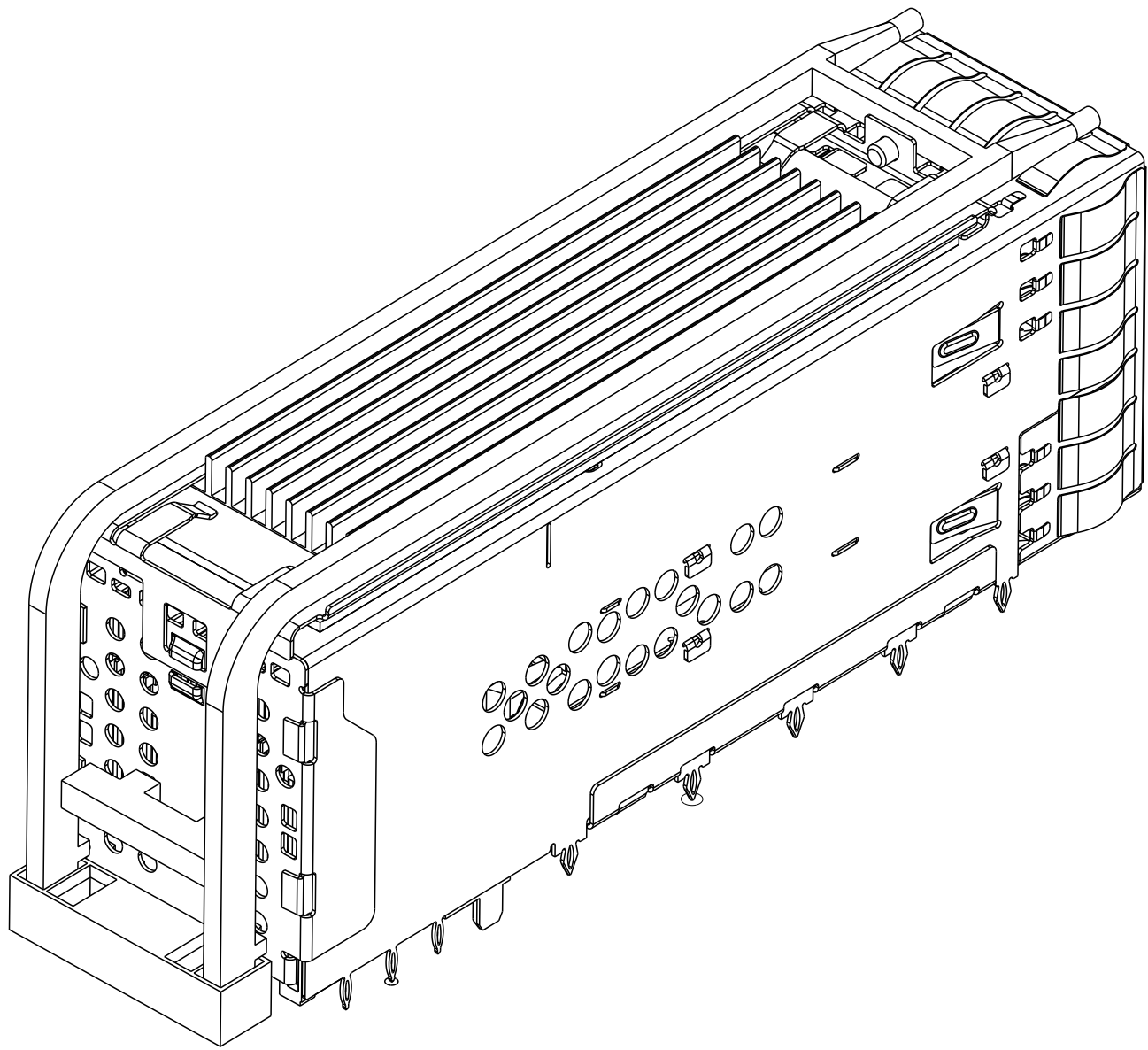


2299940-8 RECOMMENDED BEHIND BEZEL PANEL CUTOUT
SCALE 4:1

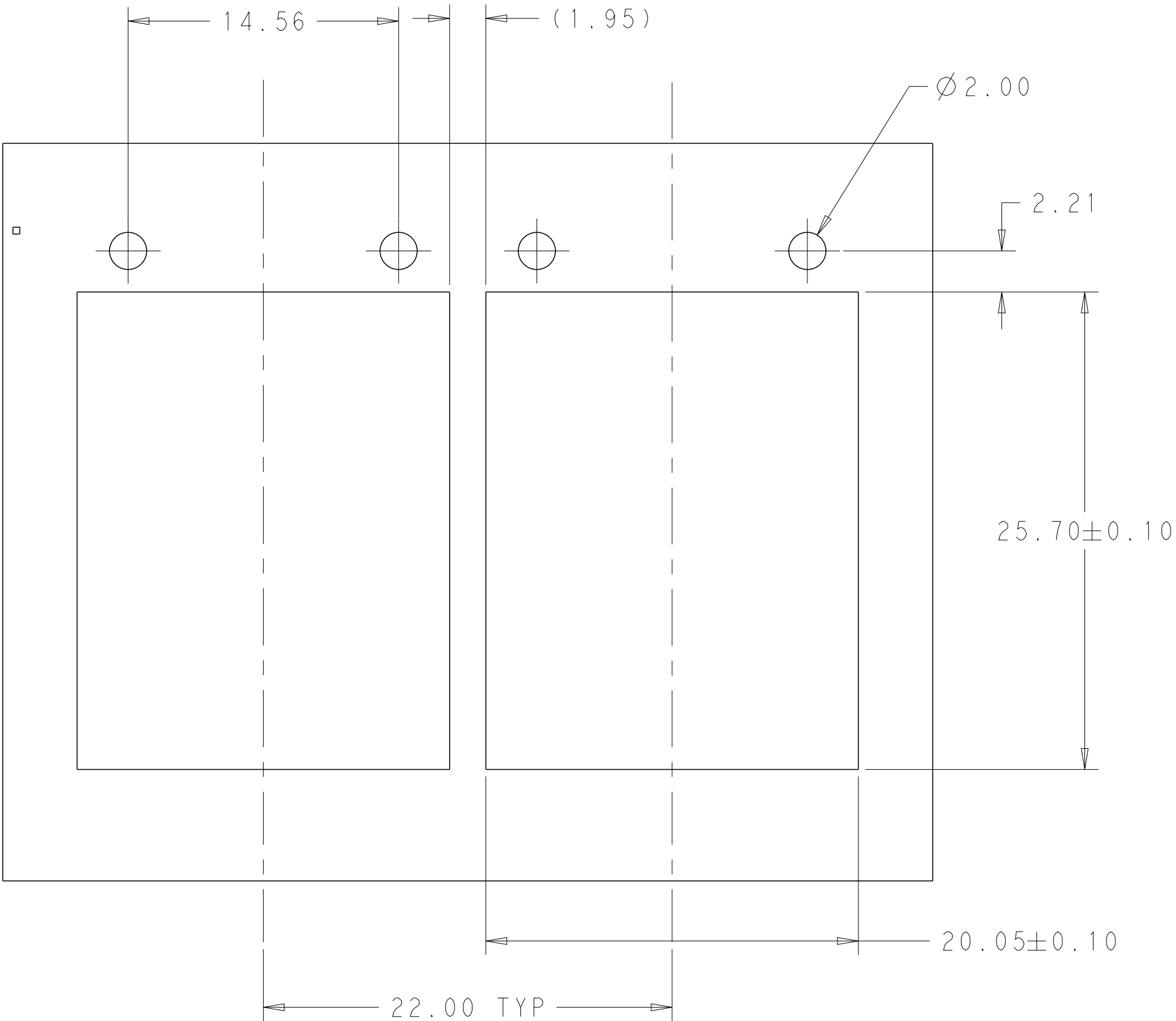


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: ARTHUR JIN 02FEB2016	 TE Connectivity											
DIMENSIONS:		CHK: SEAN HAN 02FEB2016												
mm		APVD: SEAN HAN 02FEB2016	NAME	CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X1 ZQSFP+ STACKED WITH HS										
		PRODUCT SPEC												
	0 PLC ± 1 PLC ±0.25 2 PLC ±0.15 3 PLC ± 4 PLC ± ANGLES ± FINISH ±	APPLICATION SPEC	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO								
		WEIGHT					A1	00779	C=2299940	-				
MATERIAL		CUSTOMER DRAWING		SCALE	5:1	SHEET					5	OF	10	REV
SEE NOTE 1														

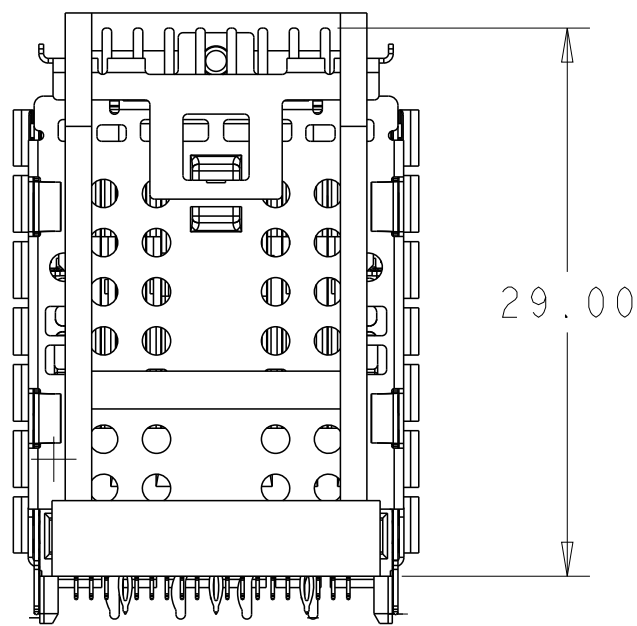
LOC		DIST		REVISIONS				
P	LTR	DESCRIPTION			DATE	DWN	APVD	
-	-	SEE SHEET 1			-	-	-	



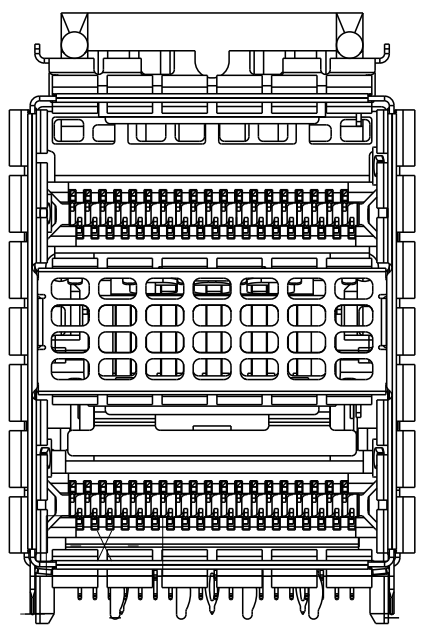
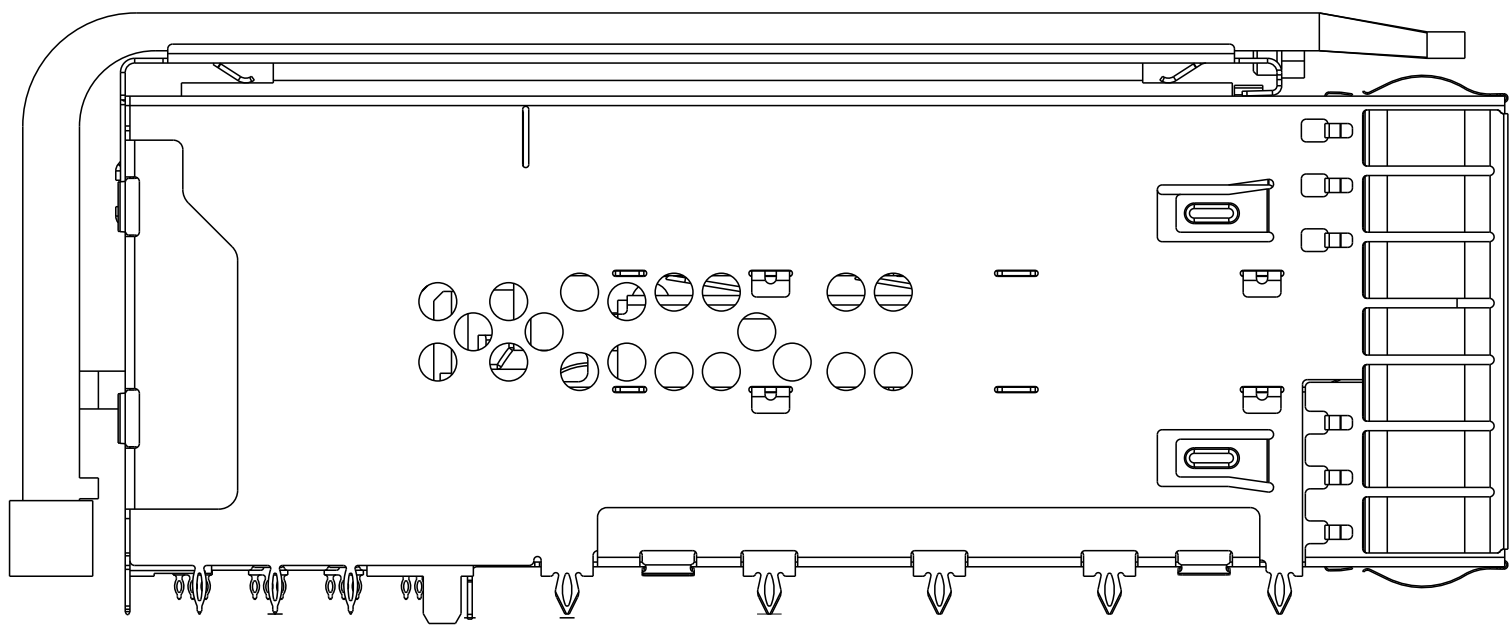
1-2299940-2 AS SHOWN
THE SAME AS 2299940-5
EXCEPT EXTERNAL HEAT SINK,
HEAT SINK CLIP AND LIGHT PIPE
SCALE 5:2



1-2299940-2 RECOMMENDED BEHIND BEZEL PANEL CUTOUT
SCALE 4:1



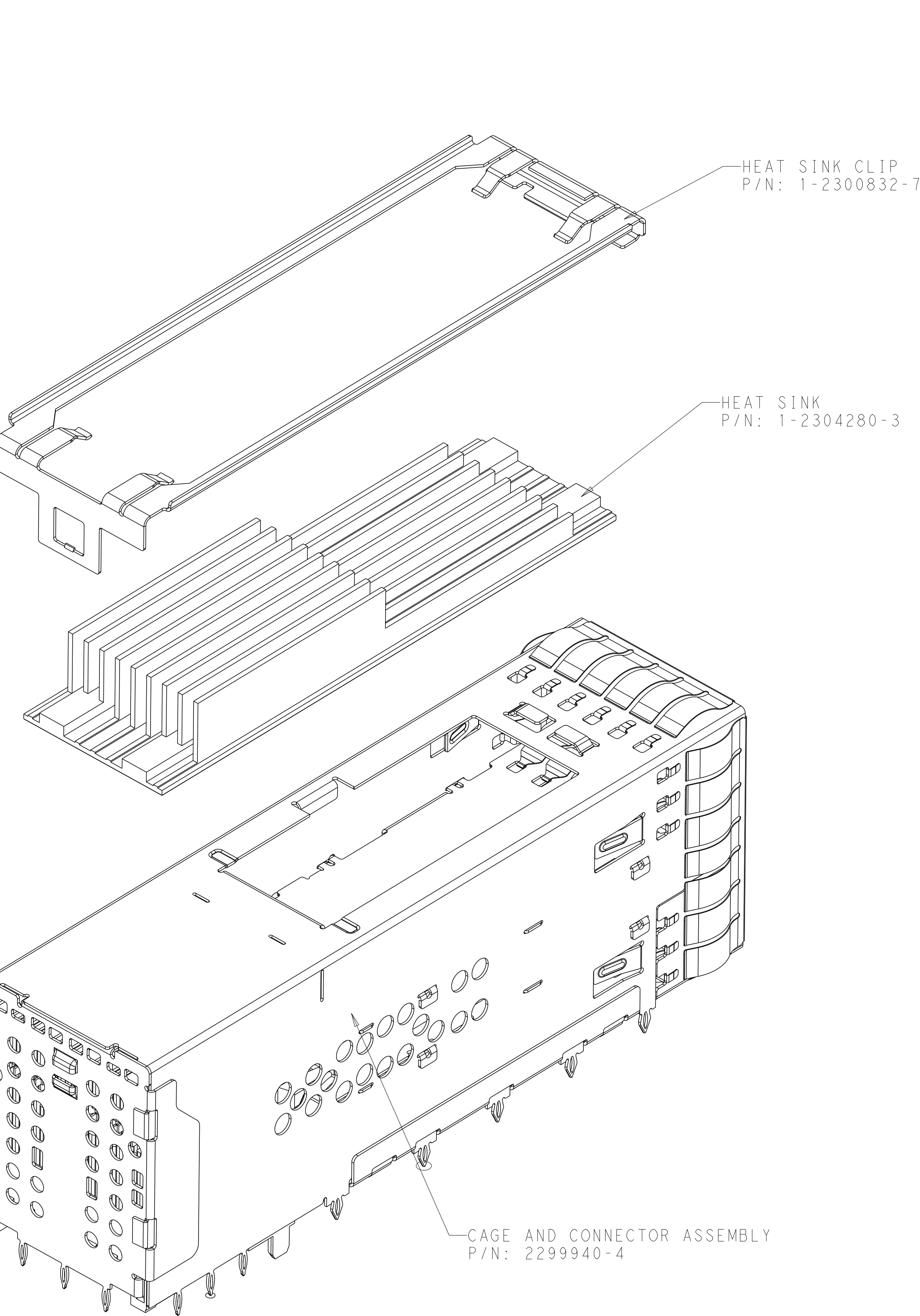
SCALE 5:2



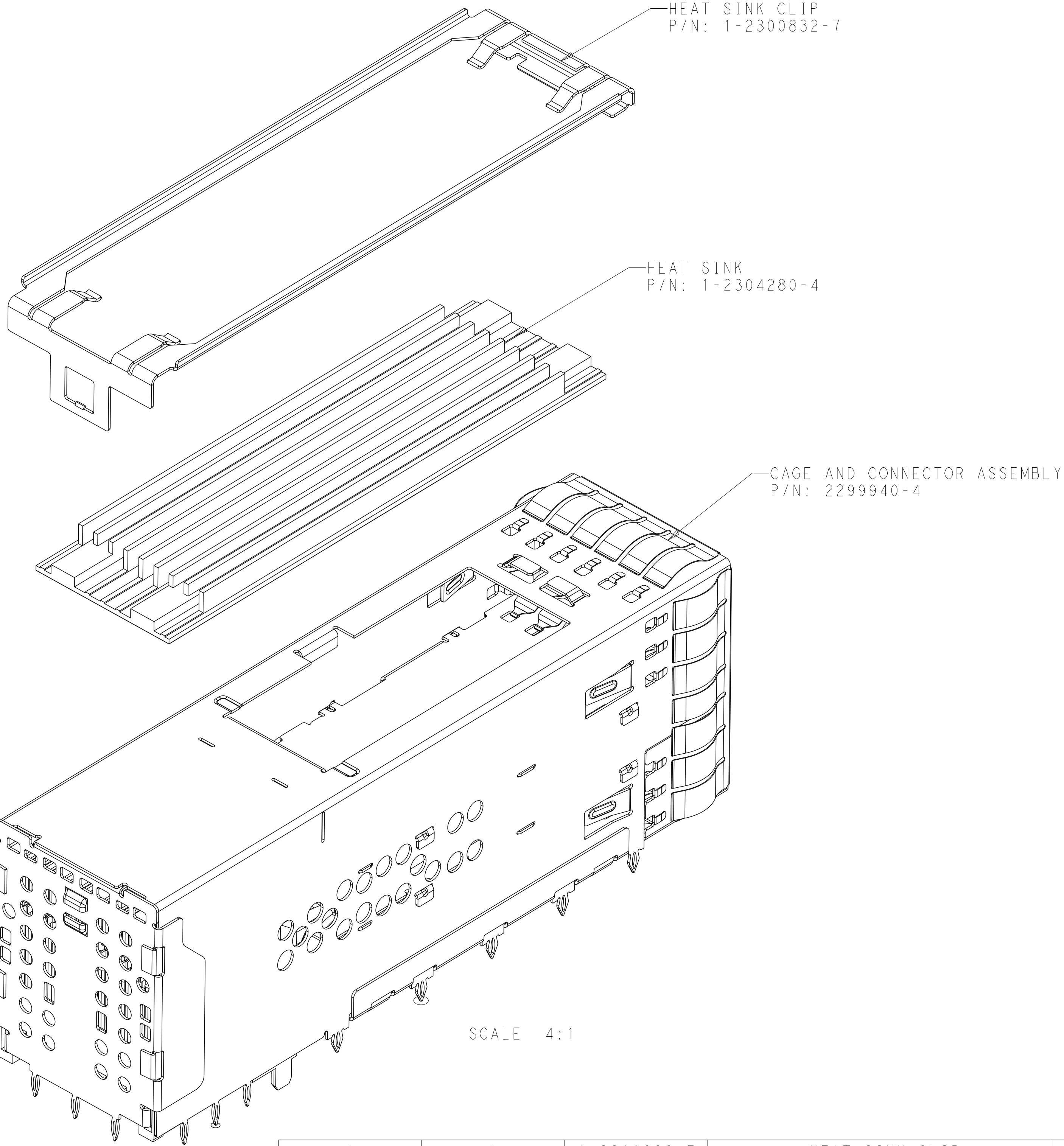
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ARTHUR JIN 02FEB2016	TE Connectivity	
		CHK SEAN HAN 02FEB2016		
DIMENSIONS:		APVD SEAN HAN 02FEB2016	NAME CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X1 ZQSFP+ STACKED WITH HS	RESTRICTED TO -
mm		PRODUCT SPEC		
		APPLICATION SPEC		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		WEIGHT	SIZE A100779	CAGE CODE C=2299940
0 PLC ±		-	SCALE 5:1	
1 PLC ±0.25		-	SHEET 6 OF 10	
2 PLC ±0.15		-	REV D	
3 PLC ±		-		
4 PLC ±		-		
ANGLES ±		-		
FINISH		-		
MATERIAL		CUSTOMER DRAWING		
SEE NOTE 1		-		

LOC		DIST	REVISONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD
-	-	SEE SHEET 1		-	-	-

2299940-3 AS SHOWN, KIT PACKAGE



2299940-6 AS SHOWN, KIT PACKAGE



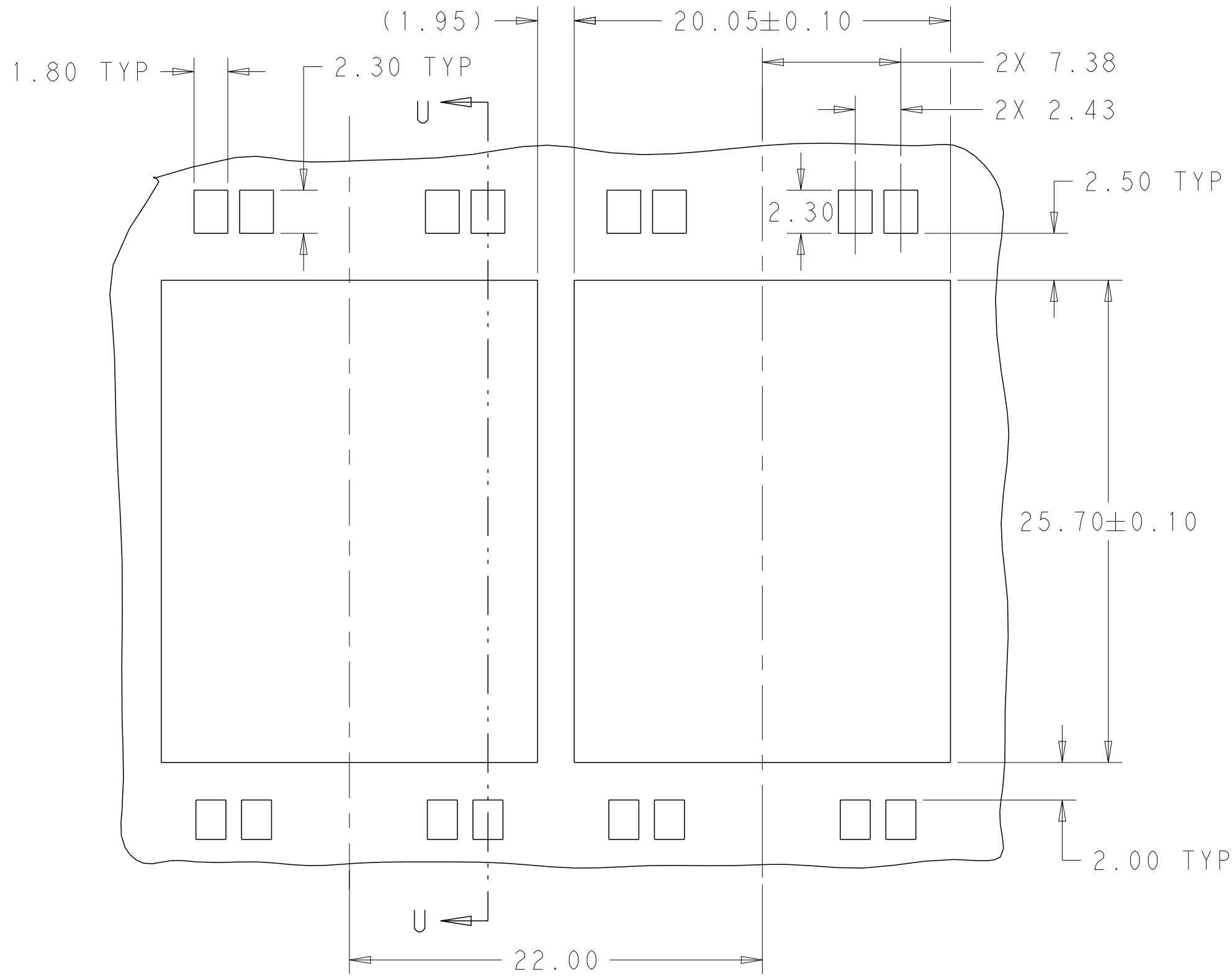
1	1	1-2300832-7	HEAT SINK CLIP	3
1	-	1-2304280-4	HEAT SINK	2
-	1	1-2304280-3		
1	1	2299940-4	CAGE AND CONNECTOR ASSEMBLY	1
2299940-6	2299940-3	PART NUMBER	DESCRIPTION	ITEM

SCALE 4:1

SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ARTHUR JIN 02FEB2016	TE Connectivity	
DIMENSIONS:		CHK SEAN HAN 02FEB2016		
mm		APVD SEAN HAN 02FEB2016	NAME CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X1 ZQSFP+ STACKED WITH HS	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		
0 PLC ±		APPLICATION SPEC	SIZE A1	
1 PLC ±0.25		WEIGHT		
2 PLC ±0.15		CAGE CODE	DRAWING NO 00779	
3 PLC ±		CUSTOMER DRAWING		
4 PLC ±		SCALE	5:1	
ANGLES ±		SHEET		
FINISH		10	REV	
SEE NOTE 1		D		

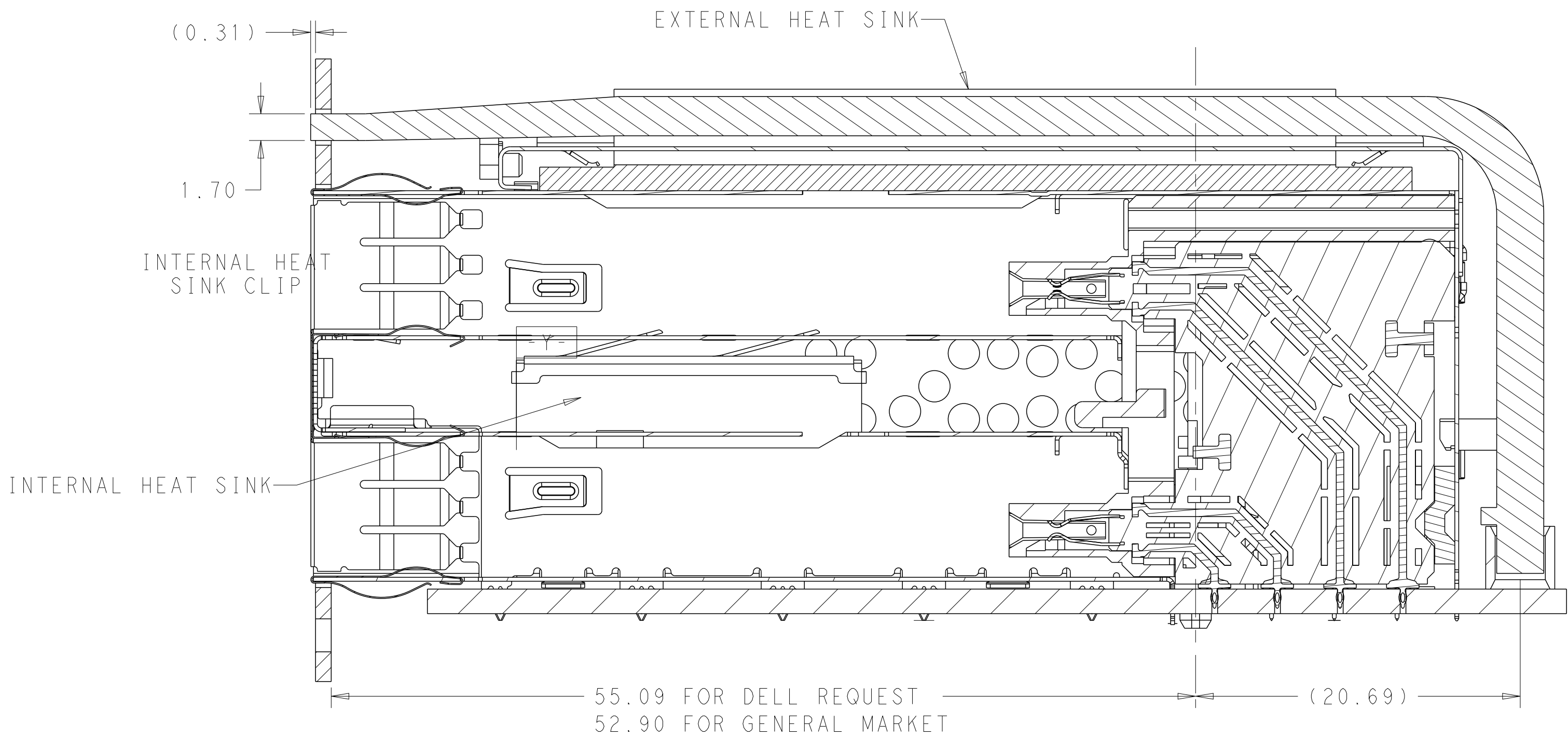
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	-	-	SEE SHEET 1	-	-	-



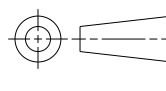
RECOMMENDED PANEL CUTOUT
AND PC BOARD, PANEL POSITION

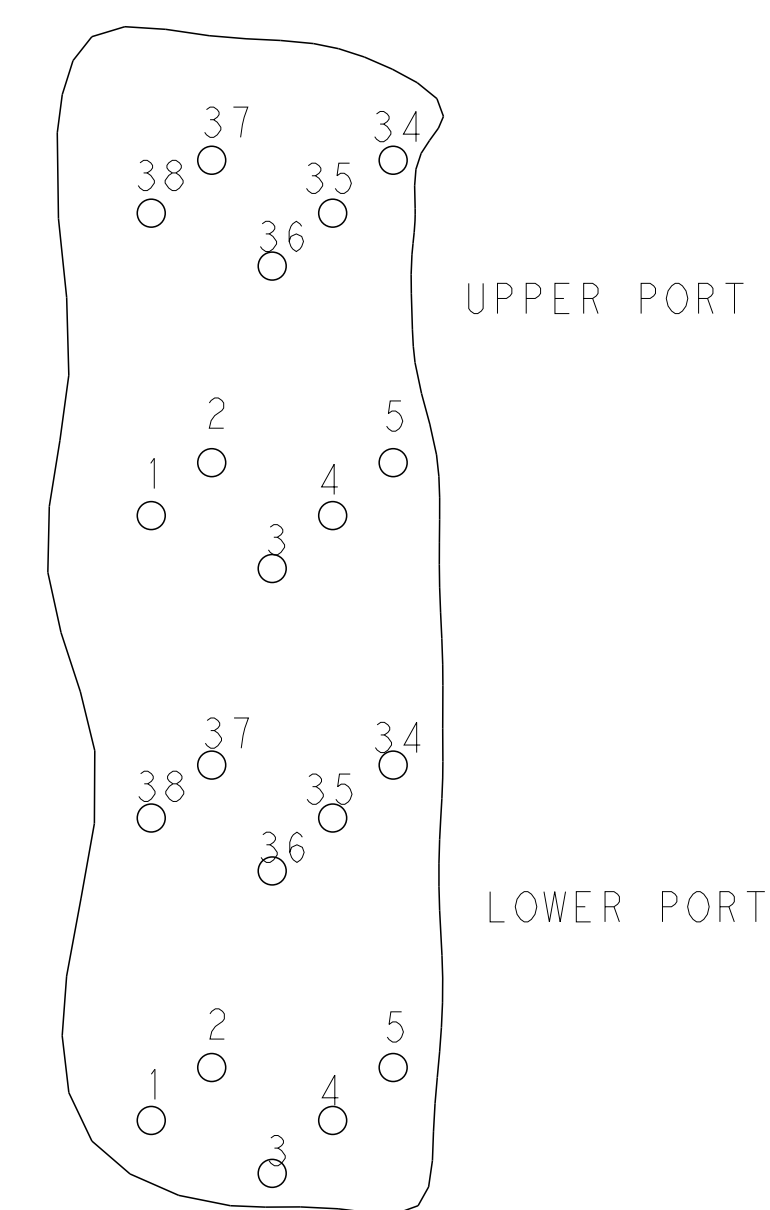
0.10
BOTTOM OF CUTOUT IN PANEL
TO TOP OF PC BOARD

6.13±0.13 FOR DELL REQUEST
3.95±0.13 FOR GENERAL MARKET
DISTANCE BETWEEN BACK OF
PANEL AND FRONT OF PC BOARD



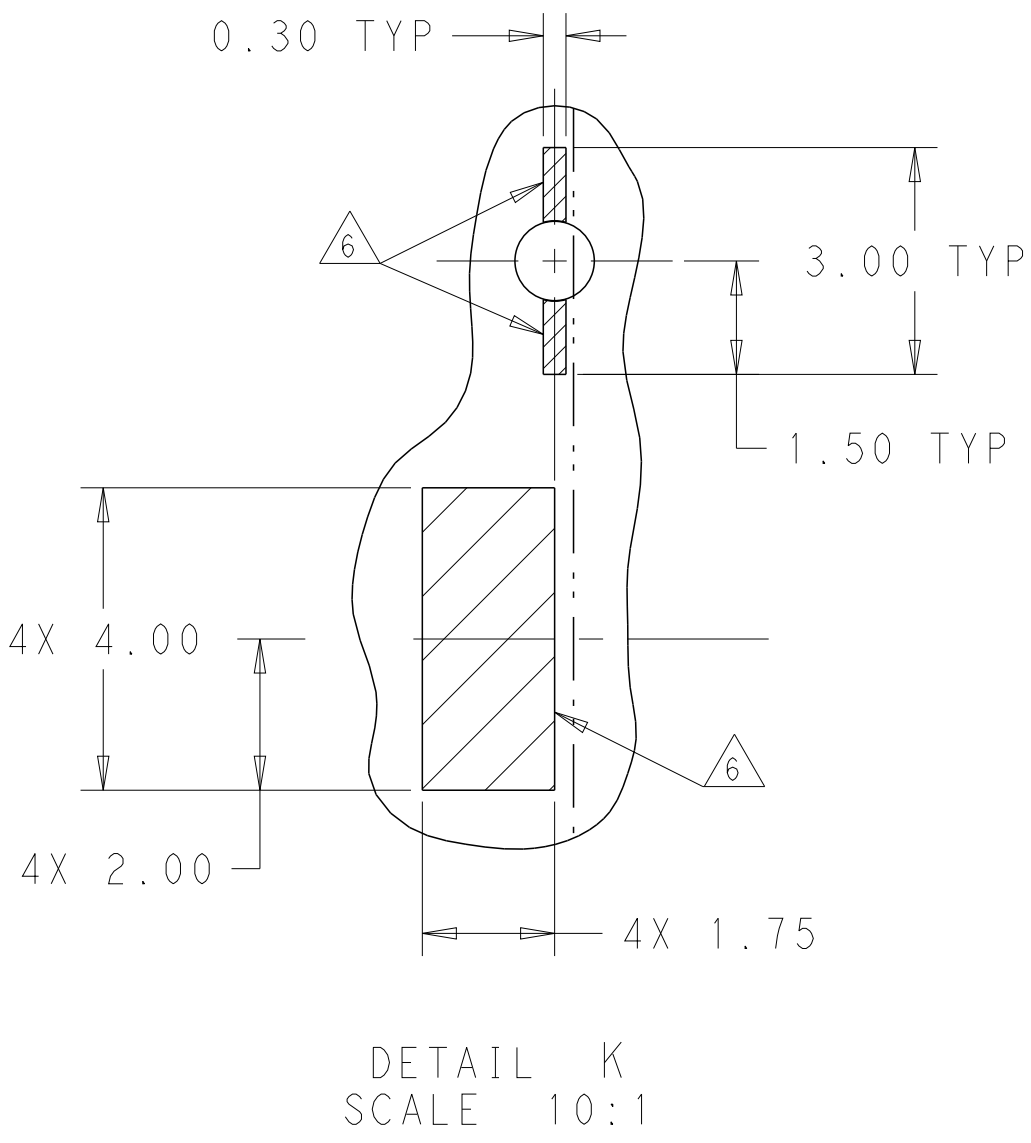
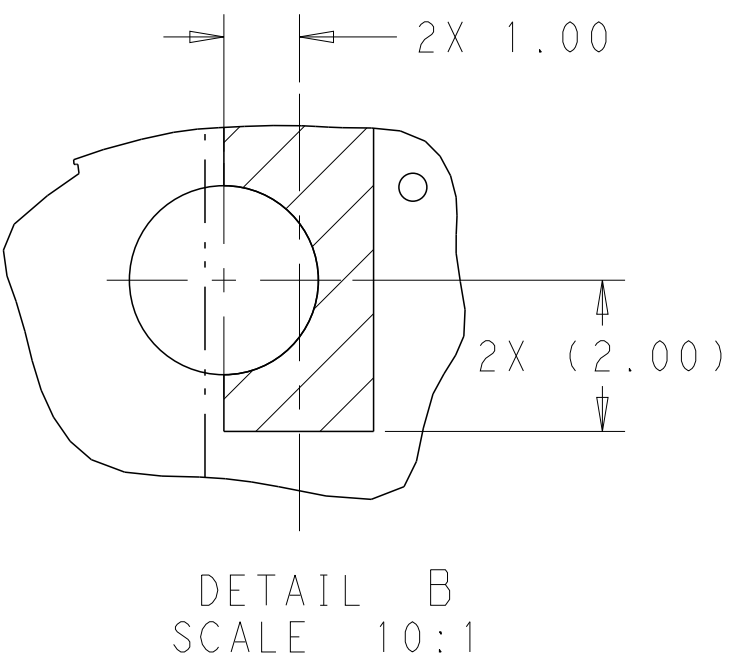
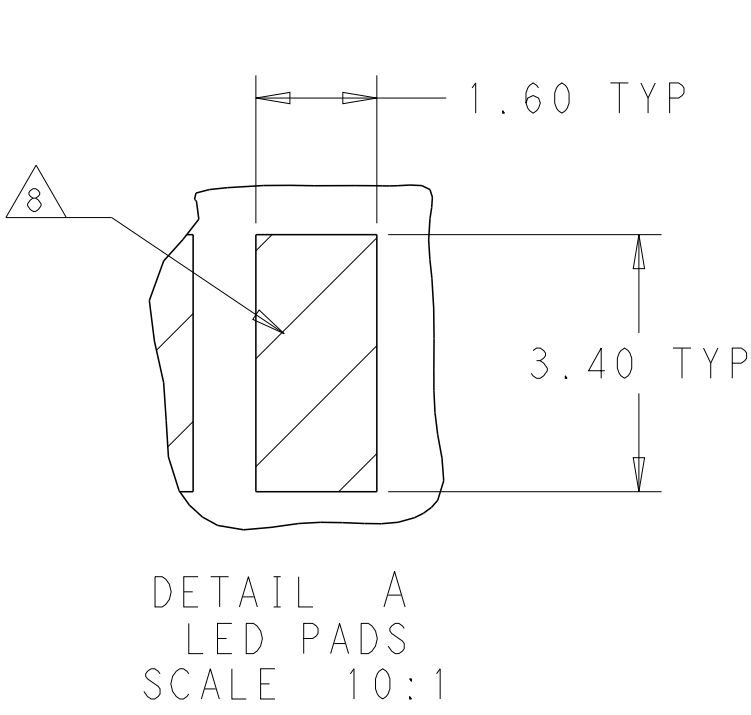
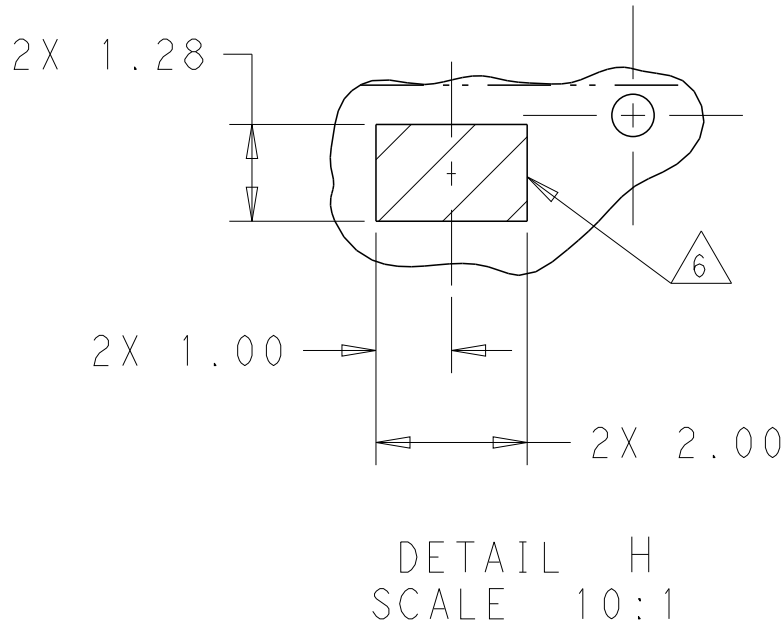
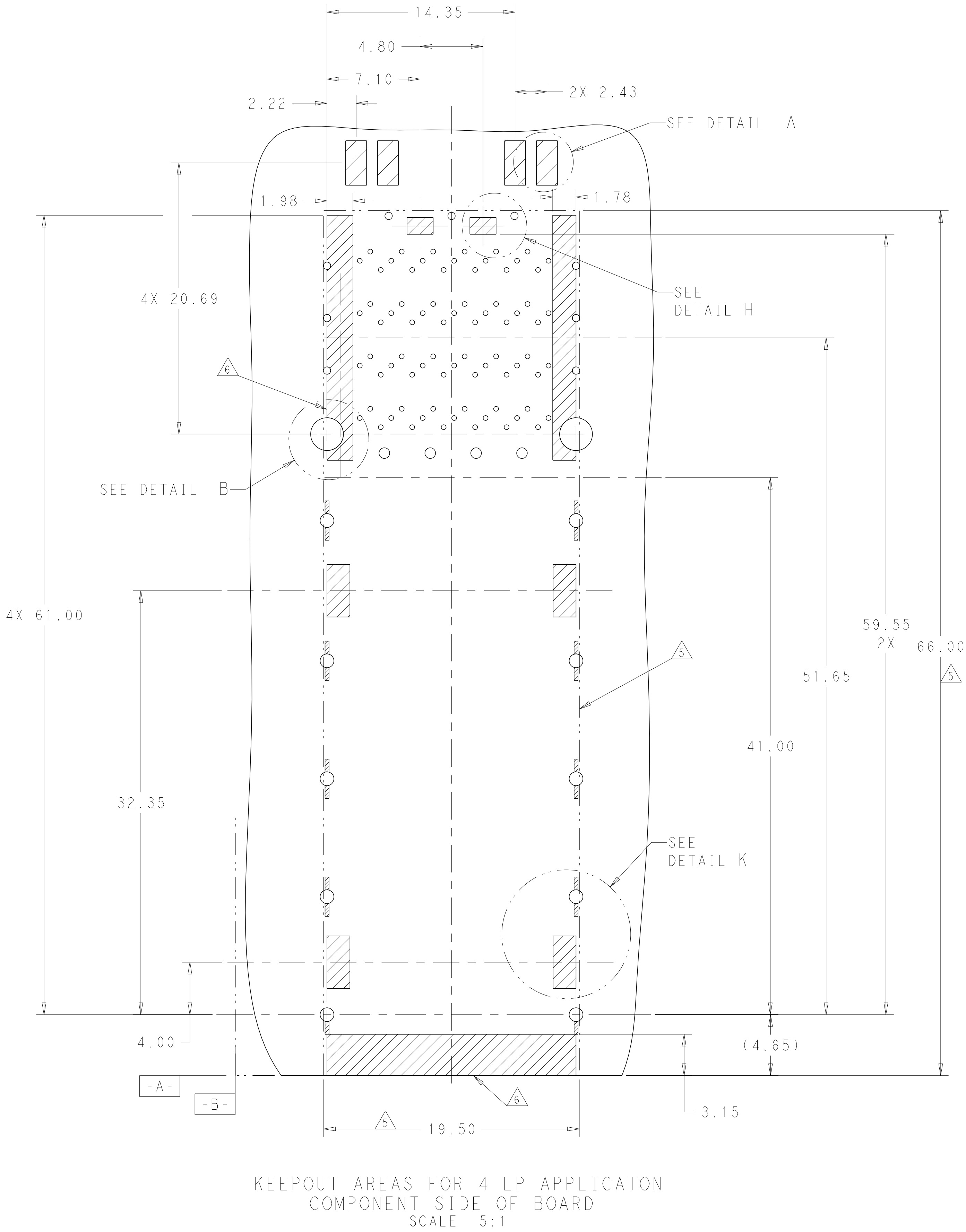
SECTION U-U
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: ARTHUR JIN 02FEB2016	 TE Connectivity	
DIMENSIONS:		CHK: SEAN HAN 02FEB2016		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD: SEAN HAN 02FEB2016	NAME: CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X1 ZQSFP+ STACKED WITH HS	
	0 PLC ±0.25 1 PLC ±0.15 2 PLC ±0.15 3 PLC ±0.15 4 PLC ±0.15 ANGLES ±0.15 FINISH -	PRODUCT SPEC	SIZE: A1	
MATERIAL: SEE NOTE 1	-	APPLICATION SPEC	CAGE CODE: 00779	
CUSTOMER DRAWING		WEIGHT: -	DRAWING NO: C=2299940	
		RESTRICTED TO: -	SCALE: 5:1	
			SHEET: 8 OF 10	
			REV: D	



THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN ARTHUR JIM 02FEB2016		 TE Connectivity				
		CHG SEAN HAN 02FEB2016						
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X1 QSFP+ STACKED WITH HS				
mm		APPROX SEAN HAN 02FEB2016						
		PRODUCT SPEC						
		-						
		APPLICATION SPEC						
		-						
MATERIAL		WEIGHT		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
SEE NOTE 1		CUSTOMER DRAWING		A100779		C=2299940		
				SCALE	5:1	SHEET	9 OF 10	REV D

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	-	-	SEE SHEET 1	-	-	-



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: ARTHUR JIN 02FEB2016	TE Connectivity	
DIMENSIONS:		CHK: SEAN HAN 02FEB2016		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD: SEAN HAN 02FEB2016	NAME: CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X1 ZQSFP+ STACKED WITH HS	
	0 PLC ±0.25 1 PLC ±0.15 2 PLC ±0.15 3 PLC ±0.15 4 PLC ±0.15 ANGLES ±0.15 FINISH -	PRODUCT SPEC	SIZE: A100779C=2299940	
MATERIAL: SEE NOTE 1	-	APPLICATION SPEC	RESTRICTED TO: -	
		WEIGHT: -	CUSTOMER DRAWING	
		SCALE: 5:1	SHEET 10 OF 10 REV D	