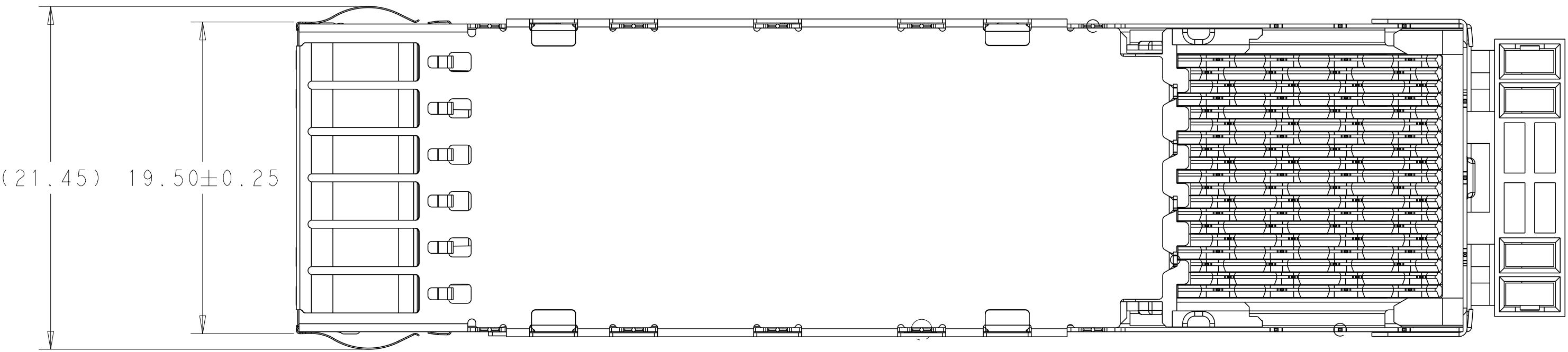
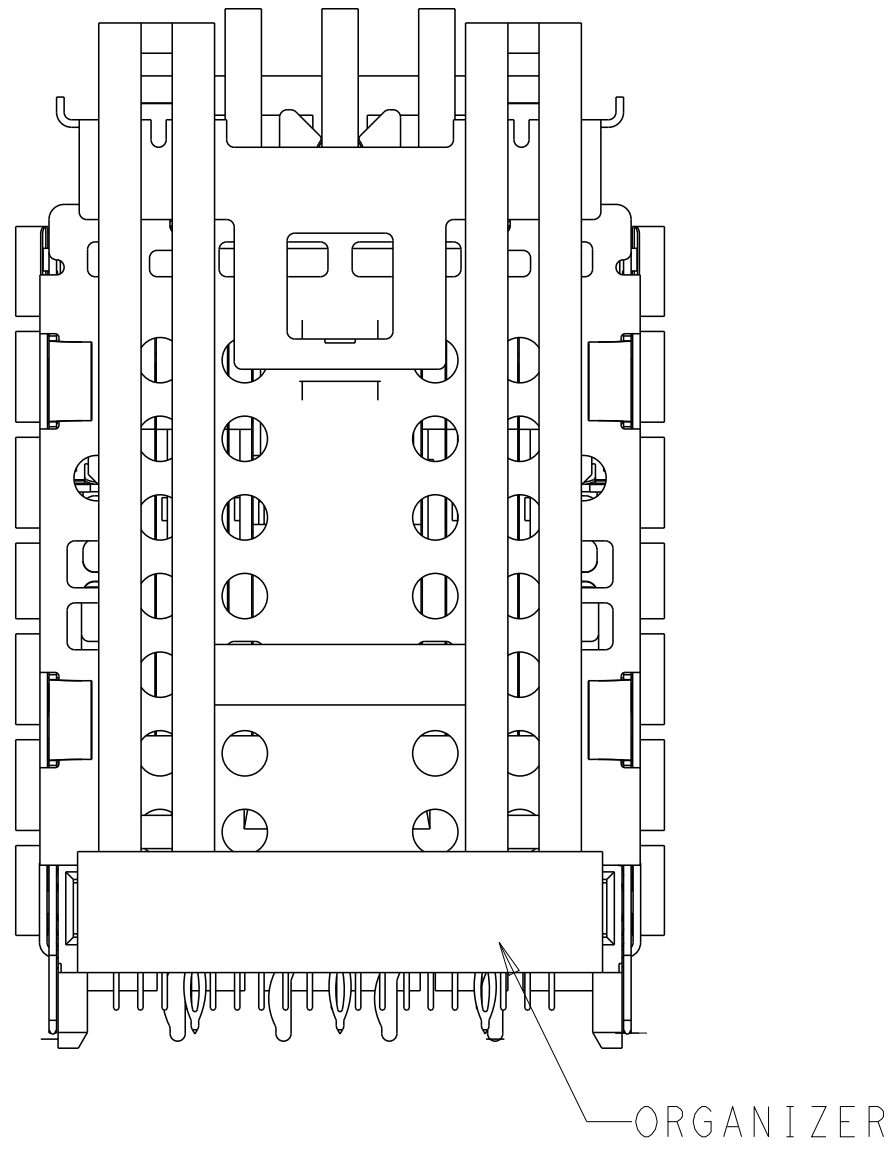
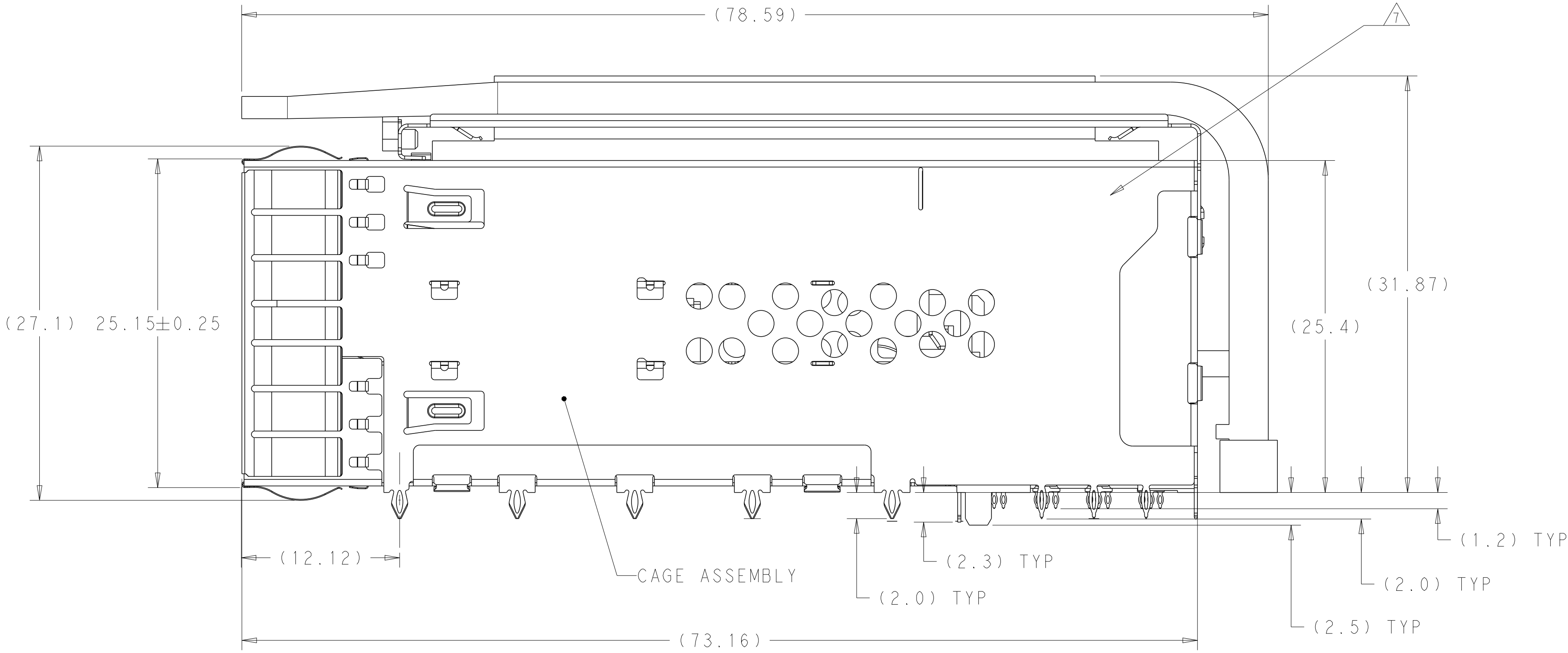
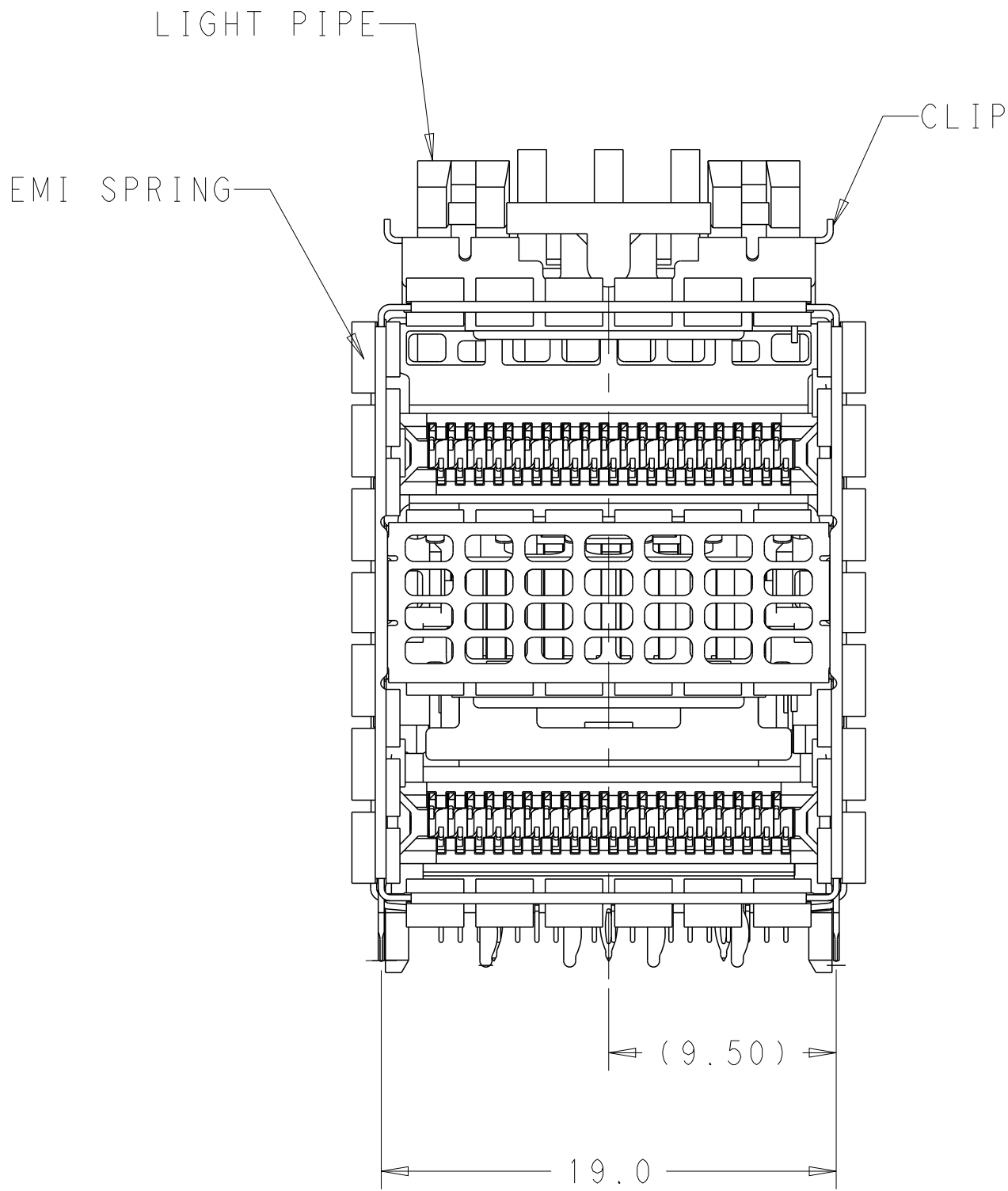


LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
		B		REVISED PER ECO-18-005125	02APR2018	TX	SH	
		C		REVISED PER ECR-21-000644	2FEB2021	RM	SZ	
		D		ADDED 1-2299940-5	06SEP2024	AB	SZ	
		E		TOL. ADDED FOR B7-SH4	12SEP2025	NS	SZ	



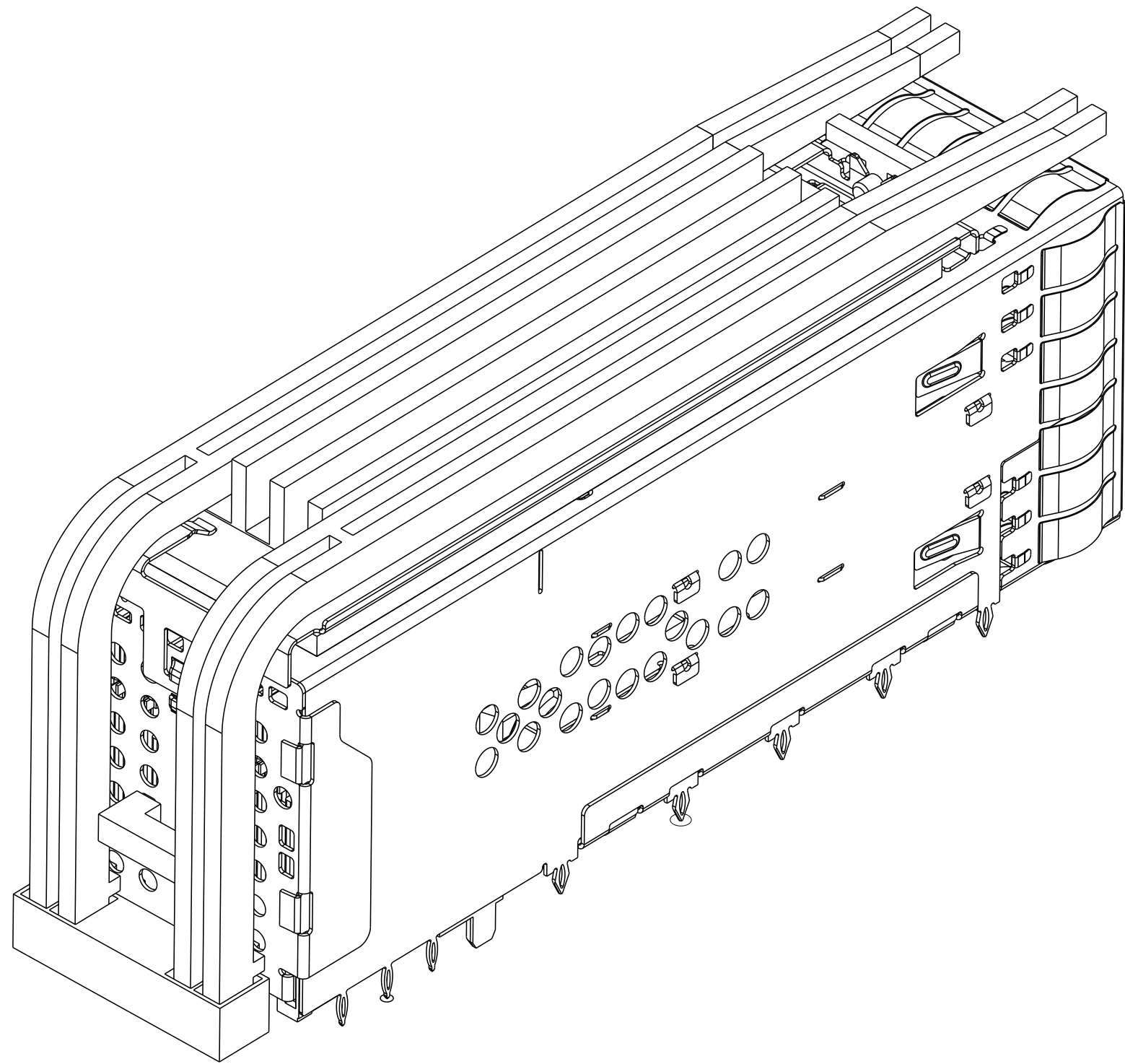
1. MATERIALS:
CAGE ASSEMBLY- NICKEL SILVER ALLOY PER ASTM B 122.
EMI SPRING- COPPER ALLOY, NICKEL PLATED.
HOUSING- POLYESTER LCP WITH 94V-0.
CHICKLET- POLYESTER LCP WITH 94V-0.
CONTACT- COPPER ALLOY.
LIGHTPIPE- POLYCARBONATE WITH 94V-0.

- △ 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.

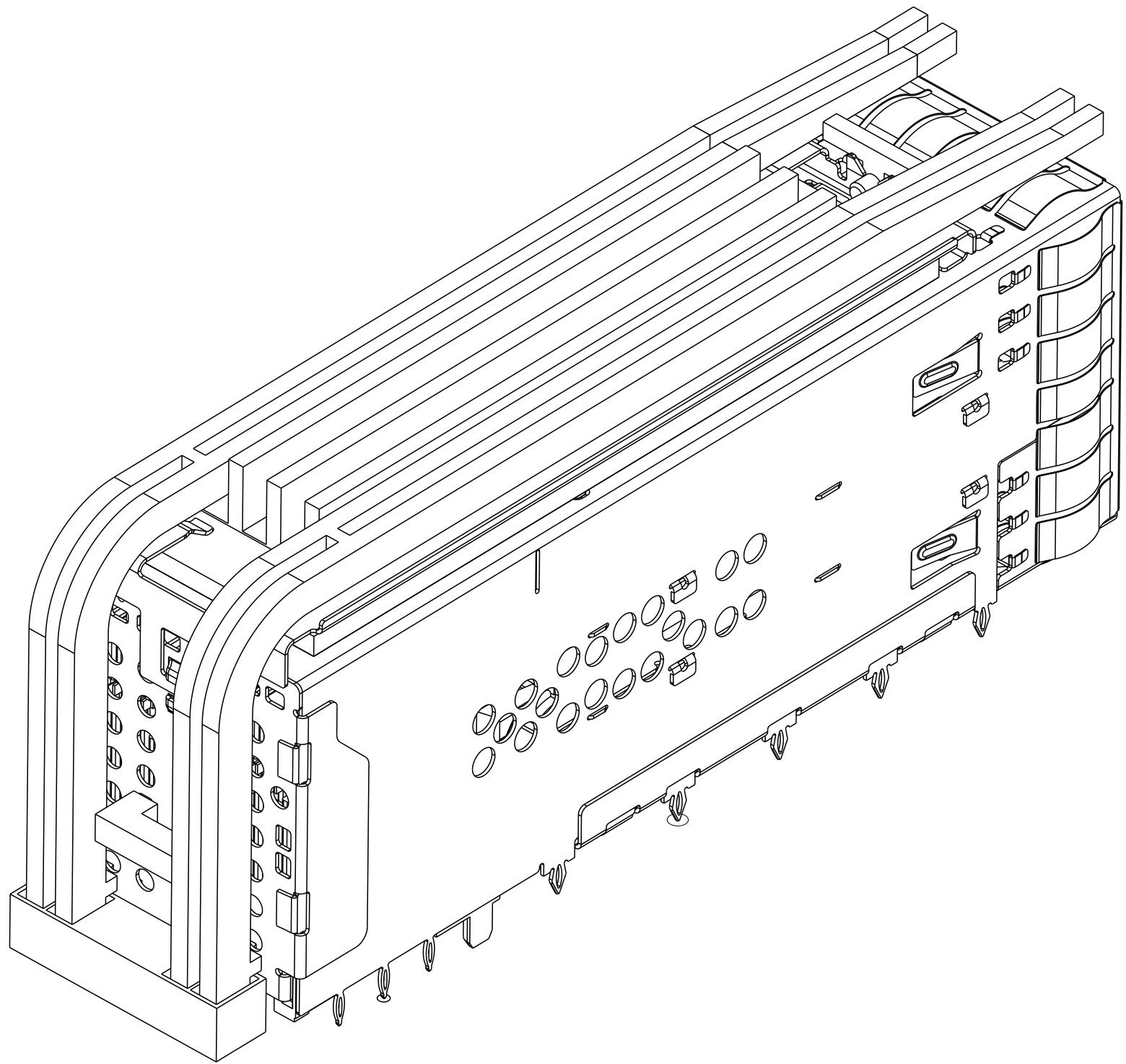
△	WITH HS & WITHOUT LP	1-2299940-5
△	WITH HS & WITH LP	1-2299940-2
△	WITH HS & WITH LP	2299940-8
△	WITH HS & WITHOUT LP	2299940-6
△	WITH HS & WITH LP	2299940-5
△	WITHOUT UPPER HS OR LP	2299940-4
△	WITH HS & WITHOUT LP	2299940-3
△	WITH HS & WITHOUT LP	2299940-2
△	WITH HS & WITH LP	2299940-1
CONTACT FINISH	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	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	CAGE CODE
		APPLICATION SPEC	DRAWING NO	RESTRICTED TO
MATERIAL		WEIGHT	A100779	C=2299940
SEE NOTE 1		CUSTOMER DRAWING	SCALE 5:1	SHEET 1 OF 10 REV E

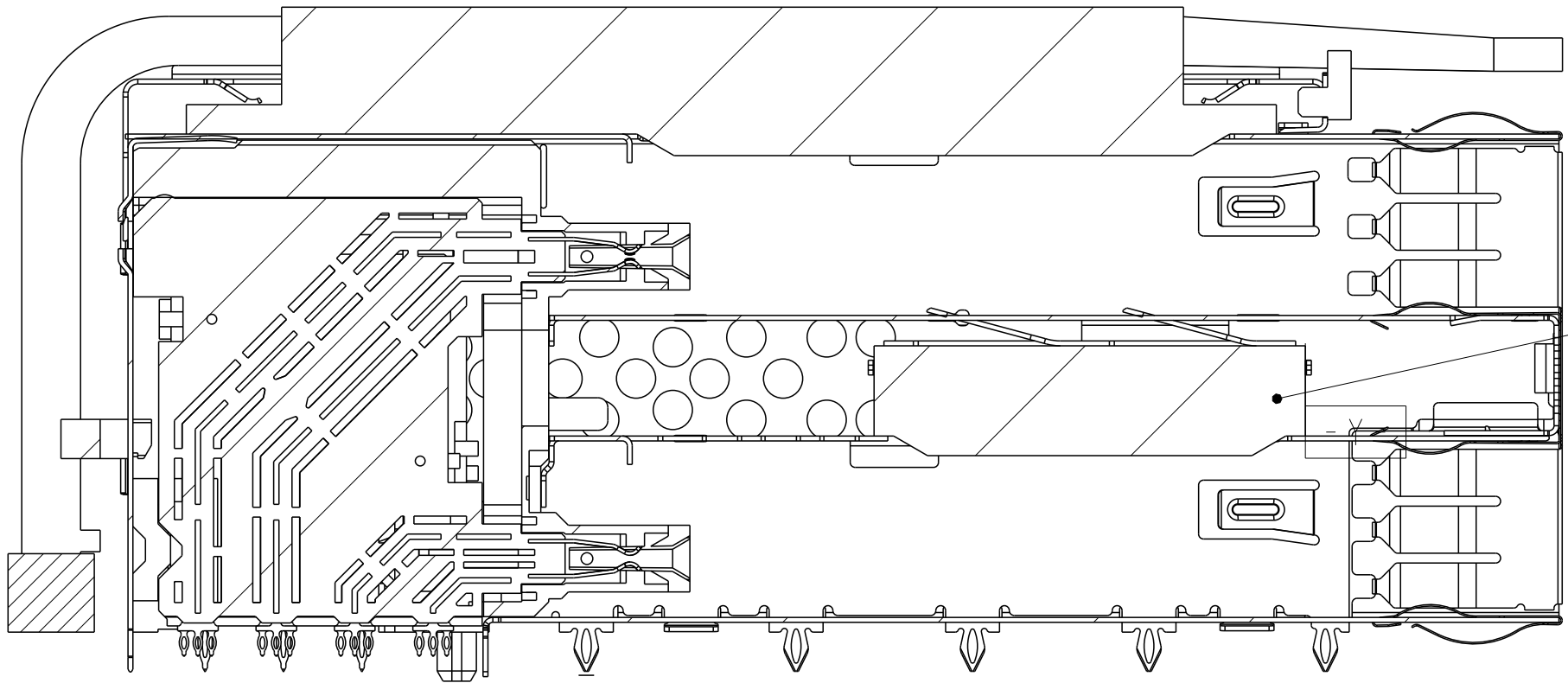
LOC		DIST		REVISONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	



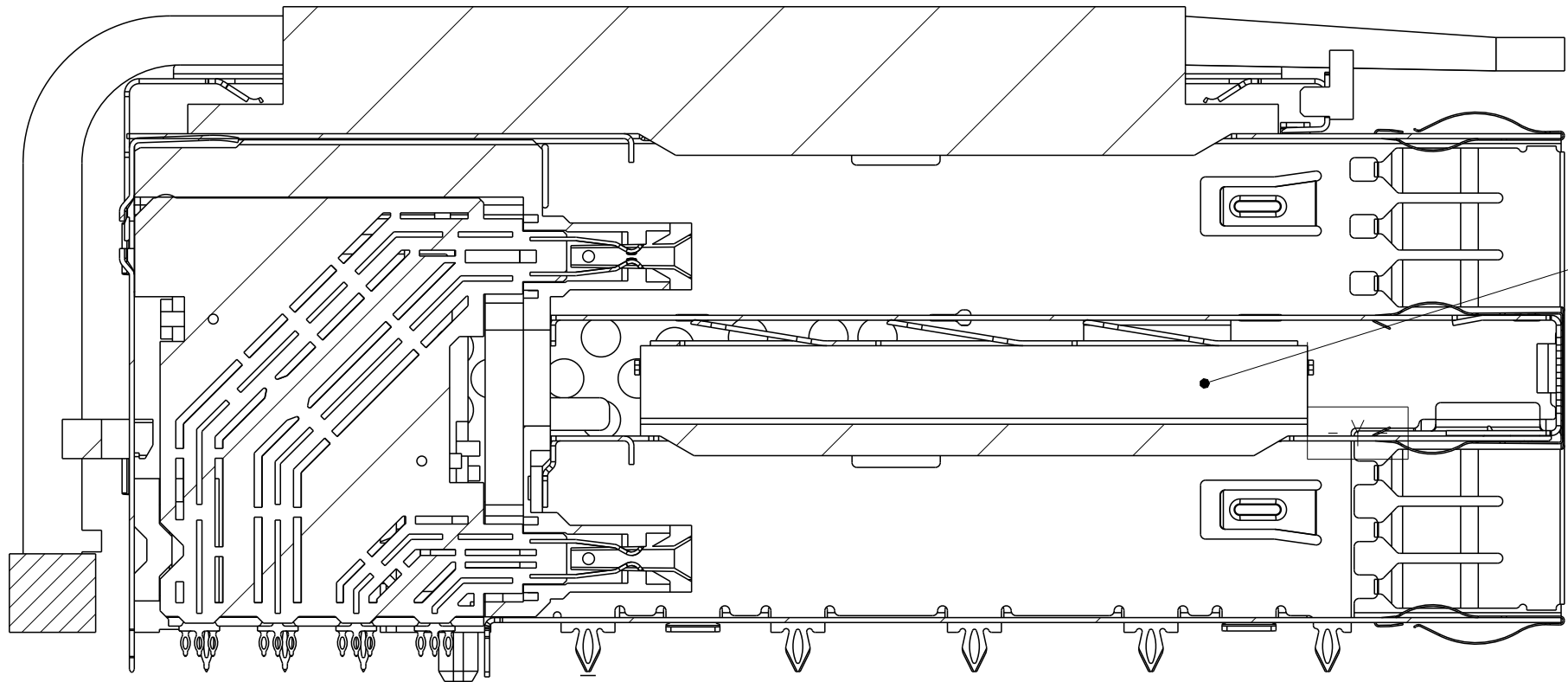
2299940-1 AS SHOWN
SCALE 3:1



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



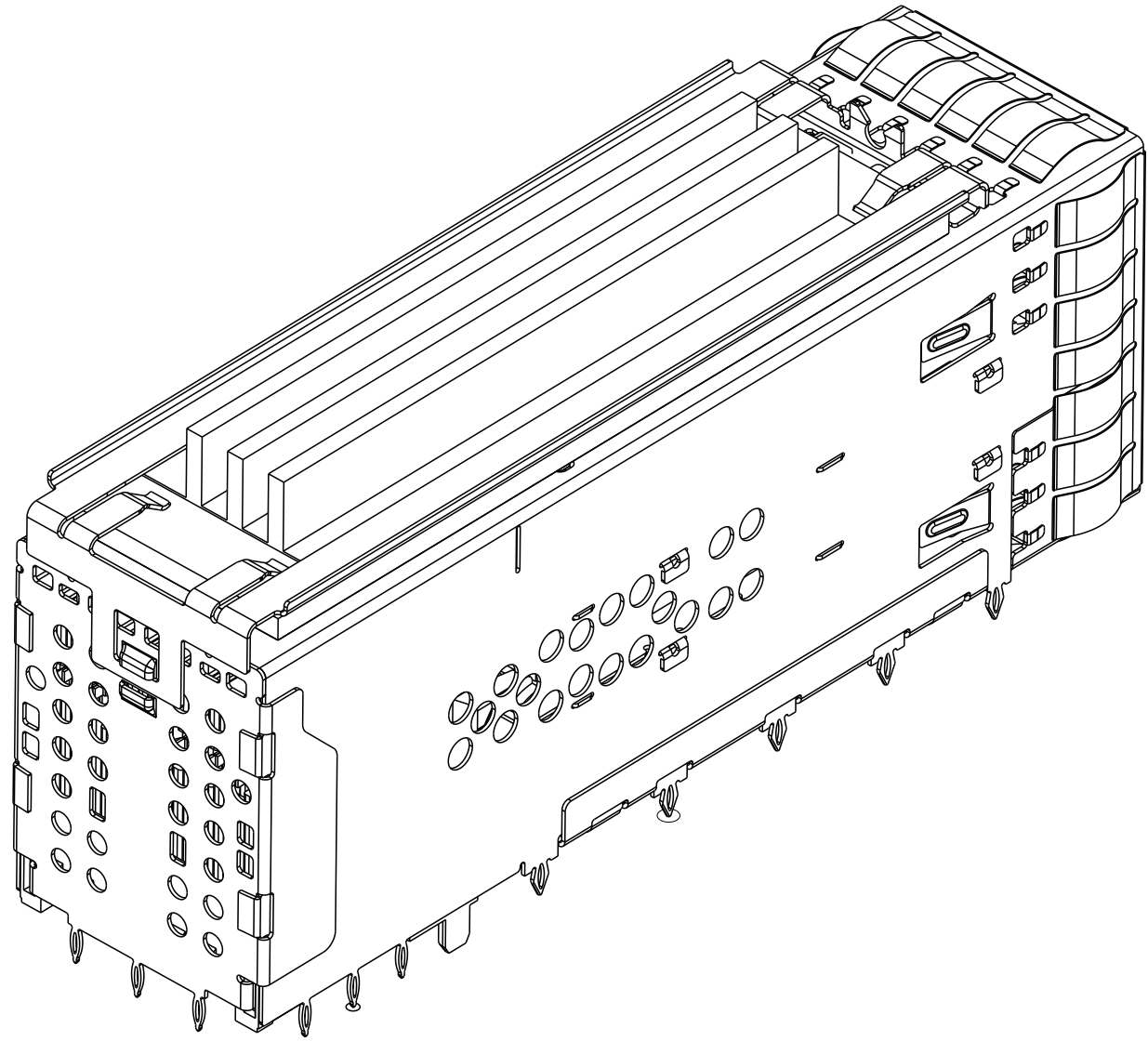
2299940-1/2299940-8 WITH SHORT INTERNAL HEAT SINK
SECTION U-U
SCALE 3:1



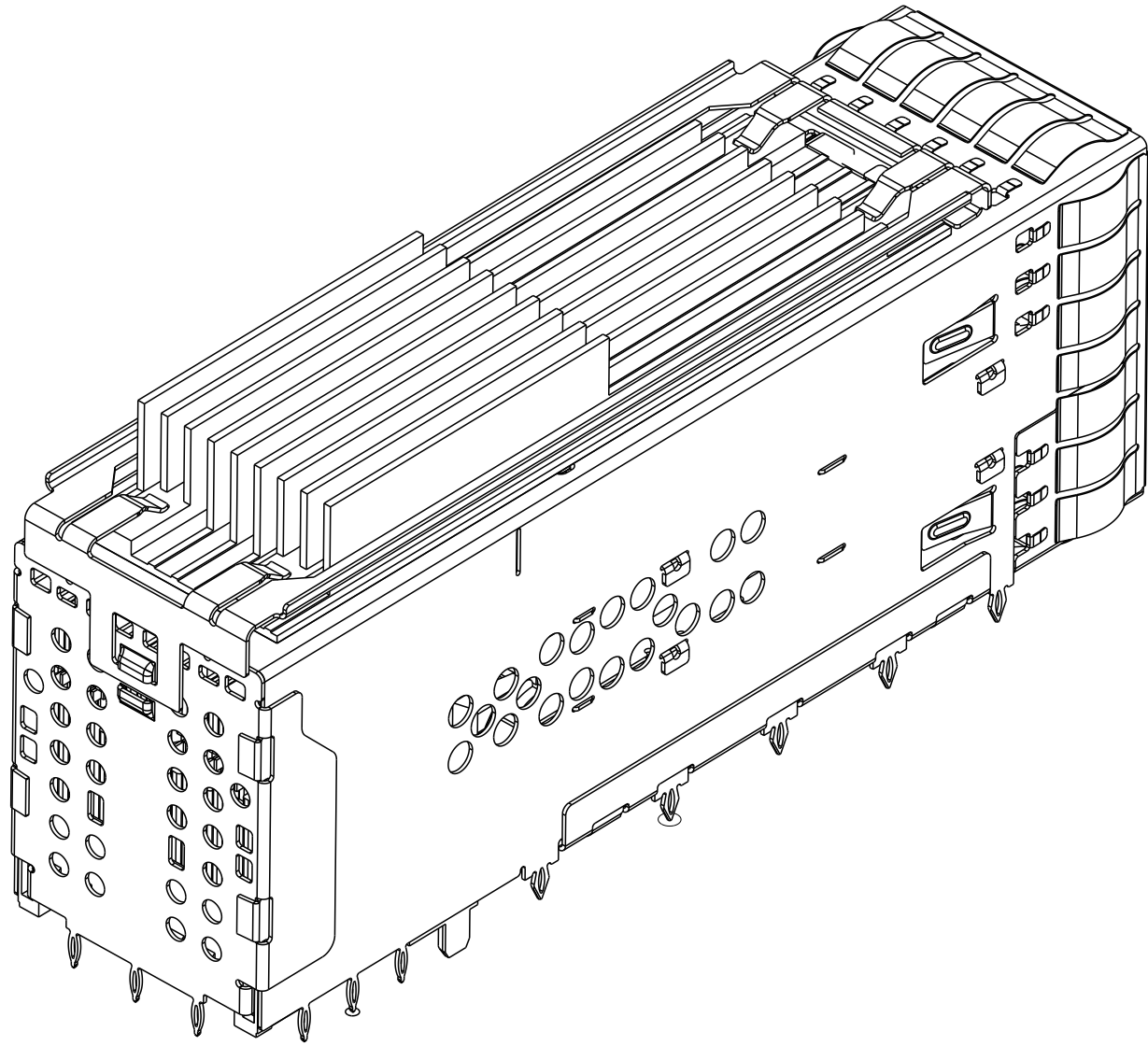
2299940-5 WITH LONGER INTERNAL HEAT SINK
SECTION U-U
SCALE 3:1

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

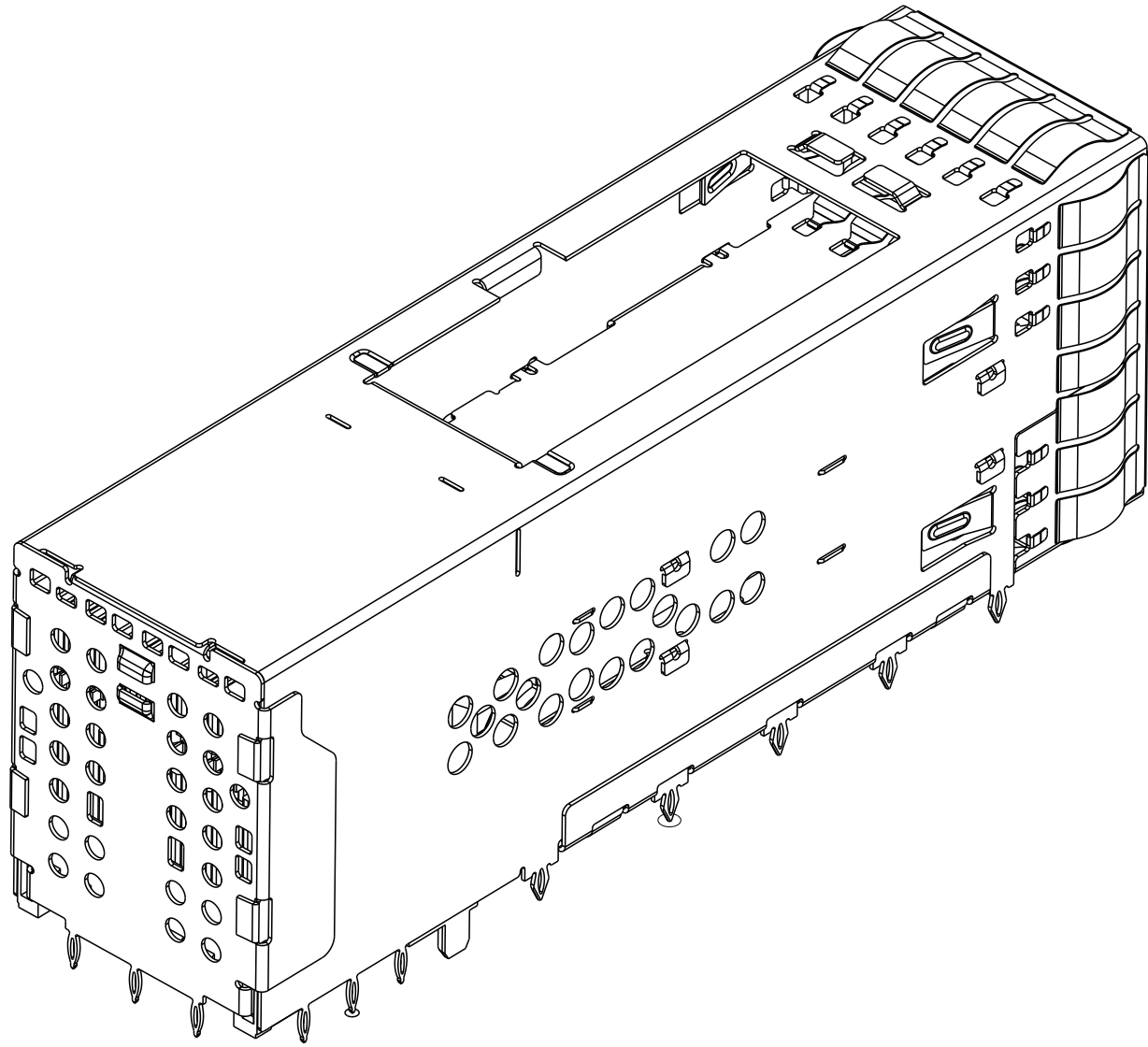
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	



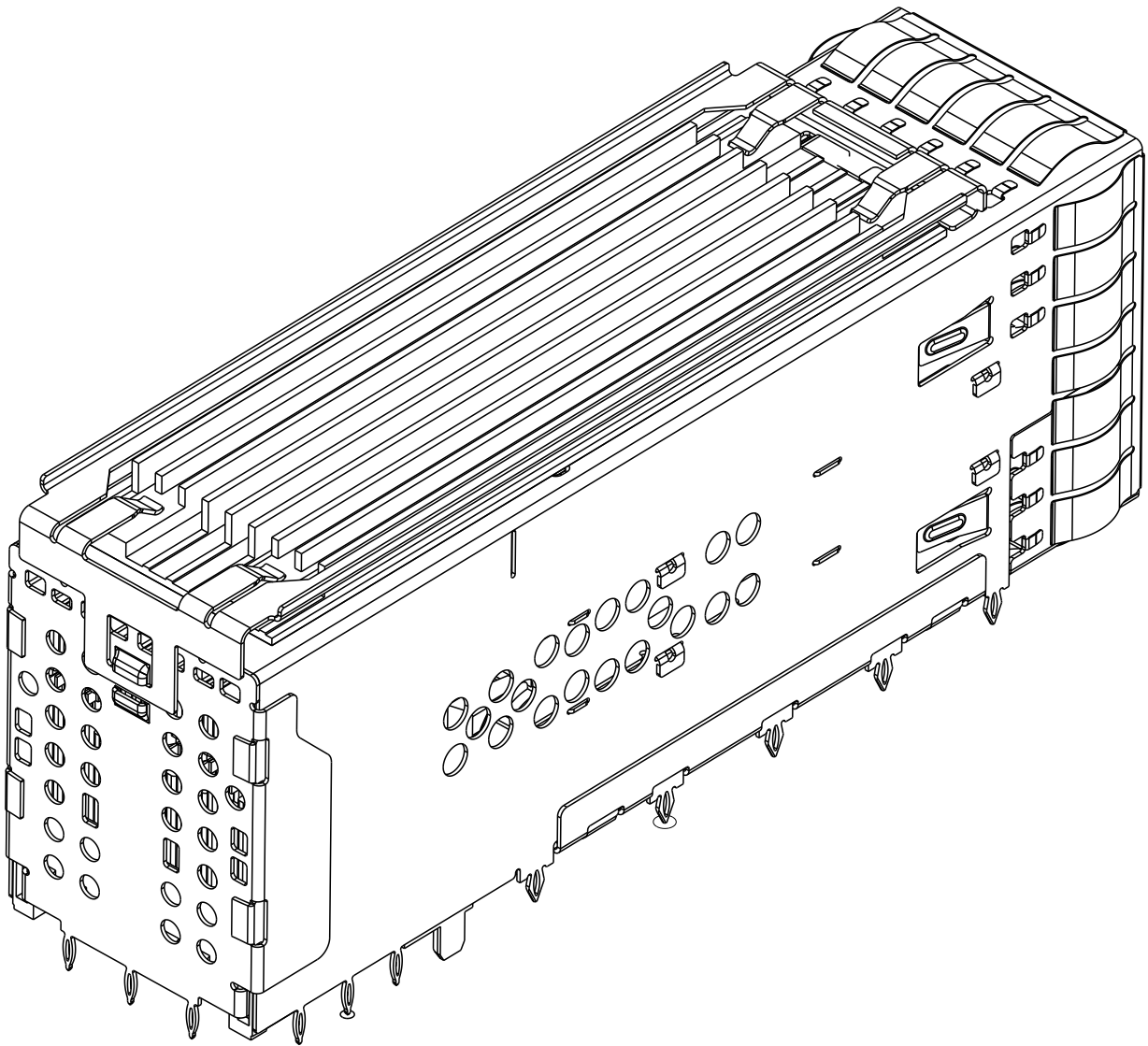
2299940-2 AS SHOWN
THE SAME AS 2299940-5 EXCEPT
W/O LIGHT PIPE AND ORGANIZER
SCALE 5:2



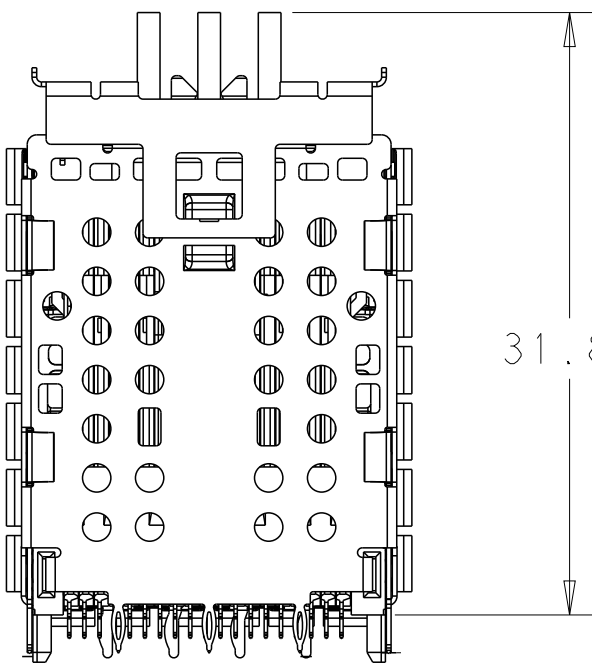
2299940-3 AS SHOWN
THE SAME AS 2299940-2
EXCEPT THE DIFFERENT EXTERNAL HEAT SINK
SCALE 5:2



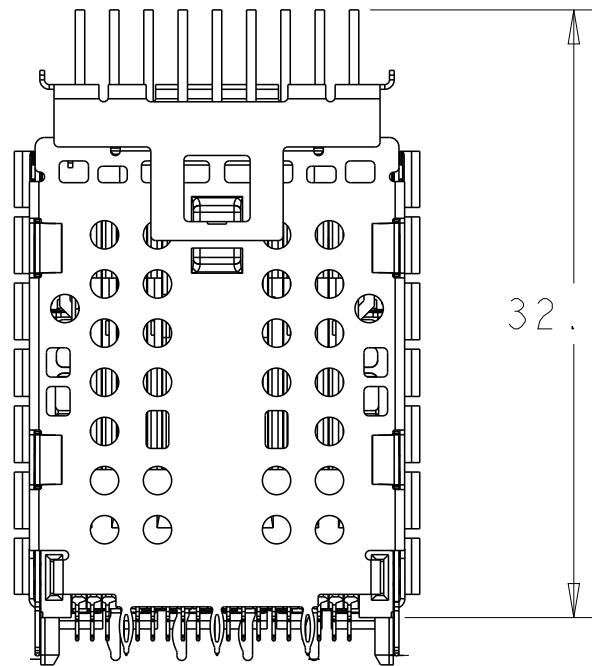
2299940-4 AS SHOWN
THE SAME AS 2299940-2
EXCEPT W/O EXTERNAL HEAT SIN/CLIP
SCALE 5:2



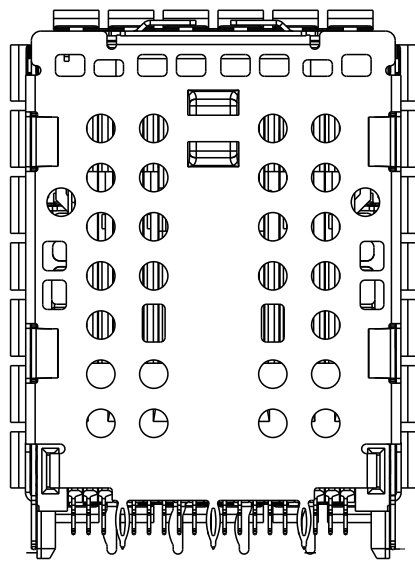
2299940-6
THE SAME AS 2299940-2
EXCEPT THE DIFFERENT EXTERNAL HEAT SINK
SCALE 5:2



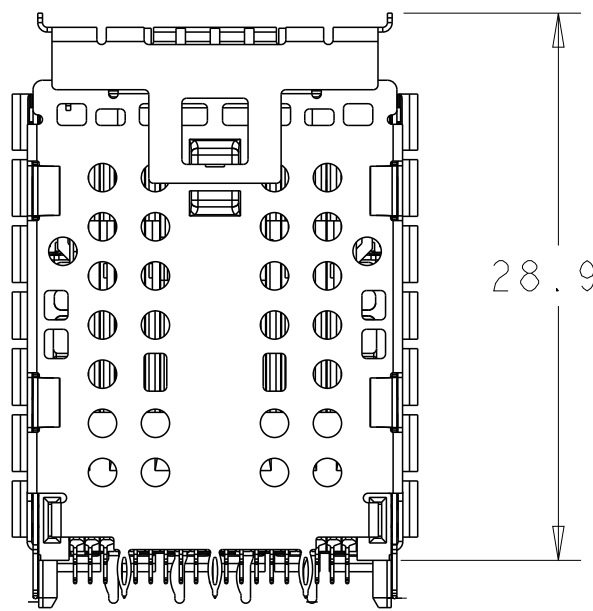
2299940-2 AS SHOWN
SCALE 5:2



2299940-3 AS SHOWN
SCALE 5:2

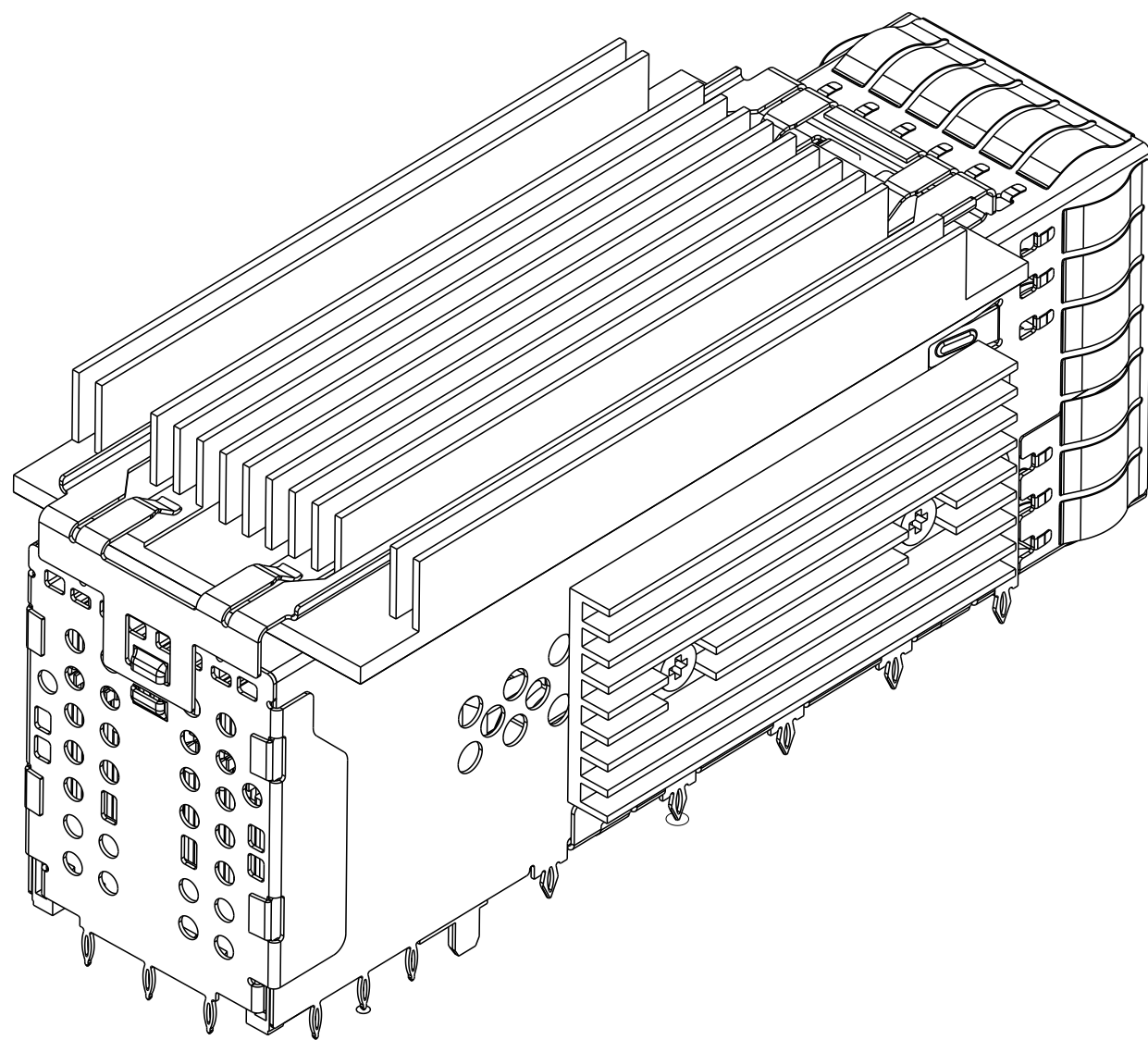


2299940-4 AS SHOWN
SCALE 5:2

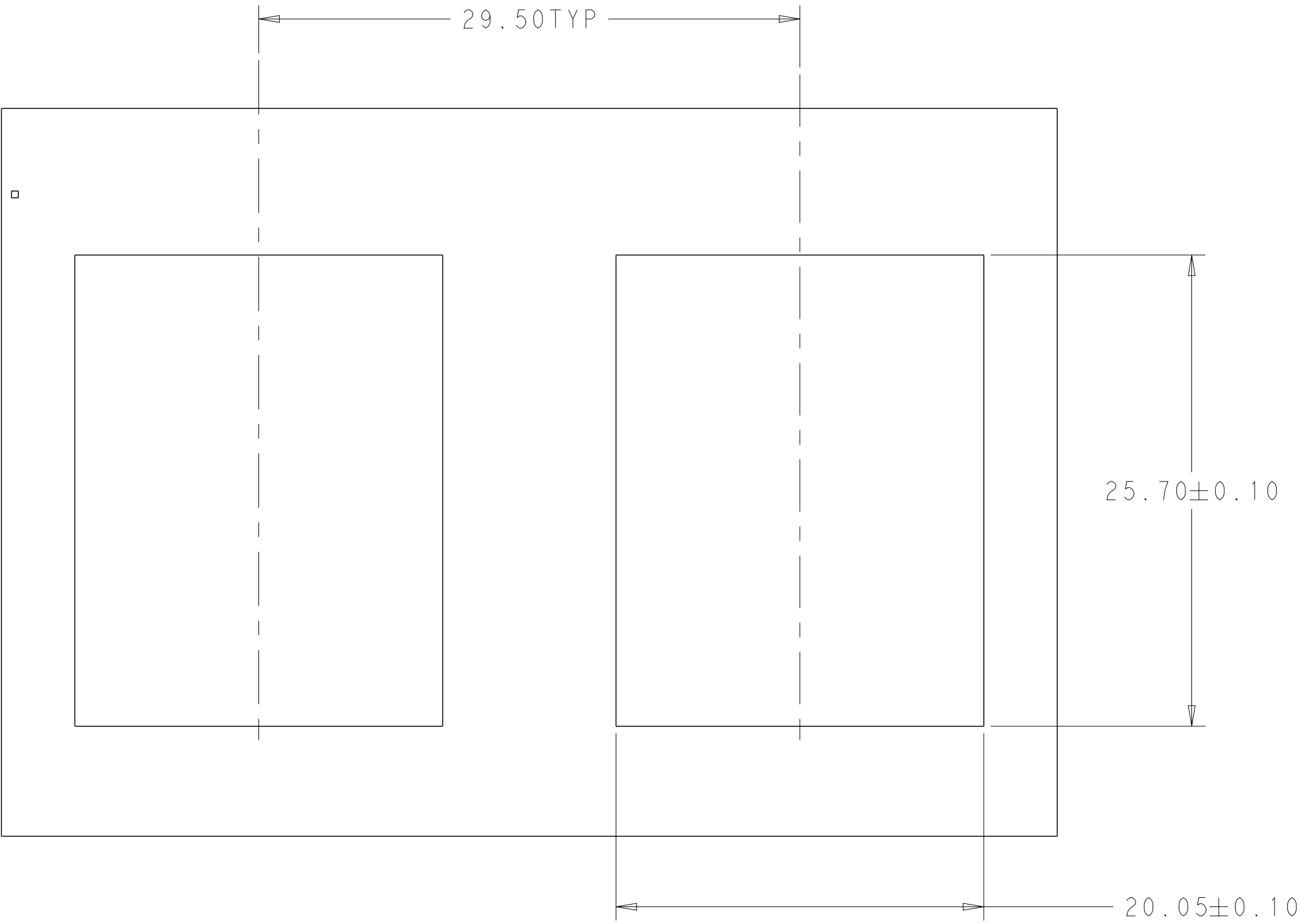


2299940-6 AS SHOWN
SCALE 5:2

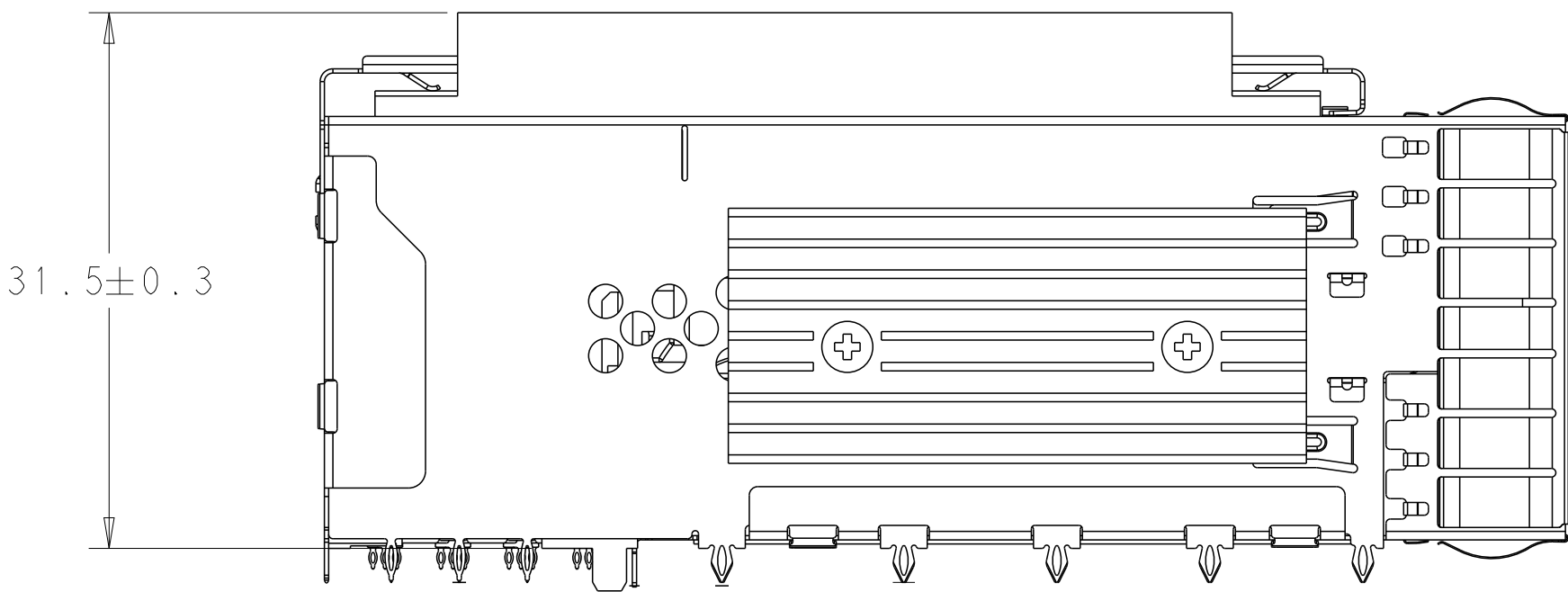
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ARTHUR JIN 02FEB2016	 TE Connectivity	
		CHK SEAN HAN 02FEB2016		
DIMENSIONS:		APVD SEAN HAN 02FEB2016	NAME	
mm		PRODUCT SPEC	CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X1 ZQSF+ STACKED WITH HS	
		APPLICATION SPEC		
		SIZE	CAGE CODE	DRAWING NO
		WEIGHT	A100779C=2299940	
MATERIAL		CUSTOMER DRAWING		RESTRICTED TO
SEE NOTE 1		SCALE 5:1		SHEET 3 OF 10
				REV E



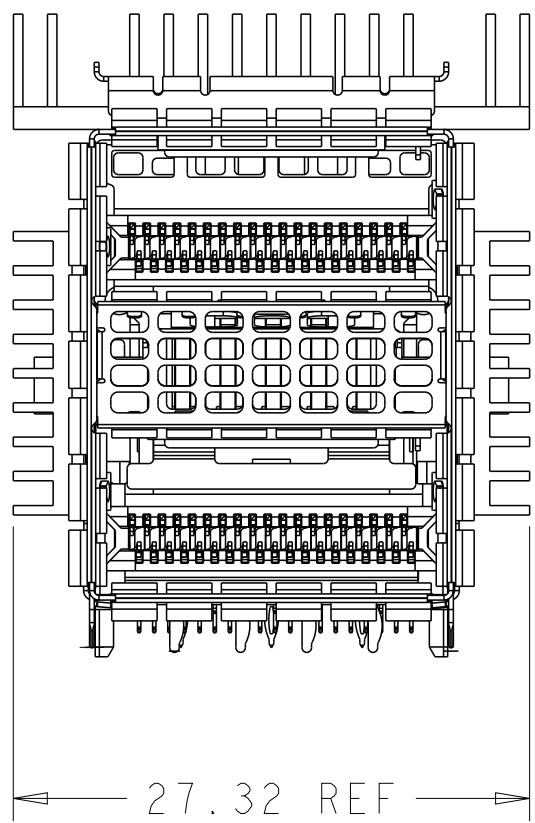
1-2299940-5 AS SHOWN
SIMILAR TO 2299940-3 EXCEPT THE TOP
AND MID HEAT SINK
SCALE 5:2



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



1-2299940-5 AS SHOWN
SCALE 5:2



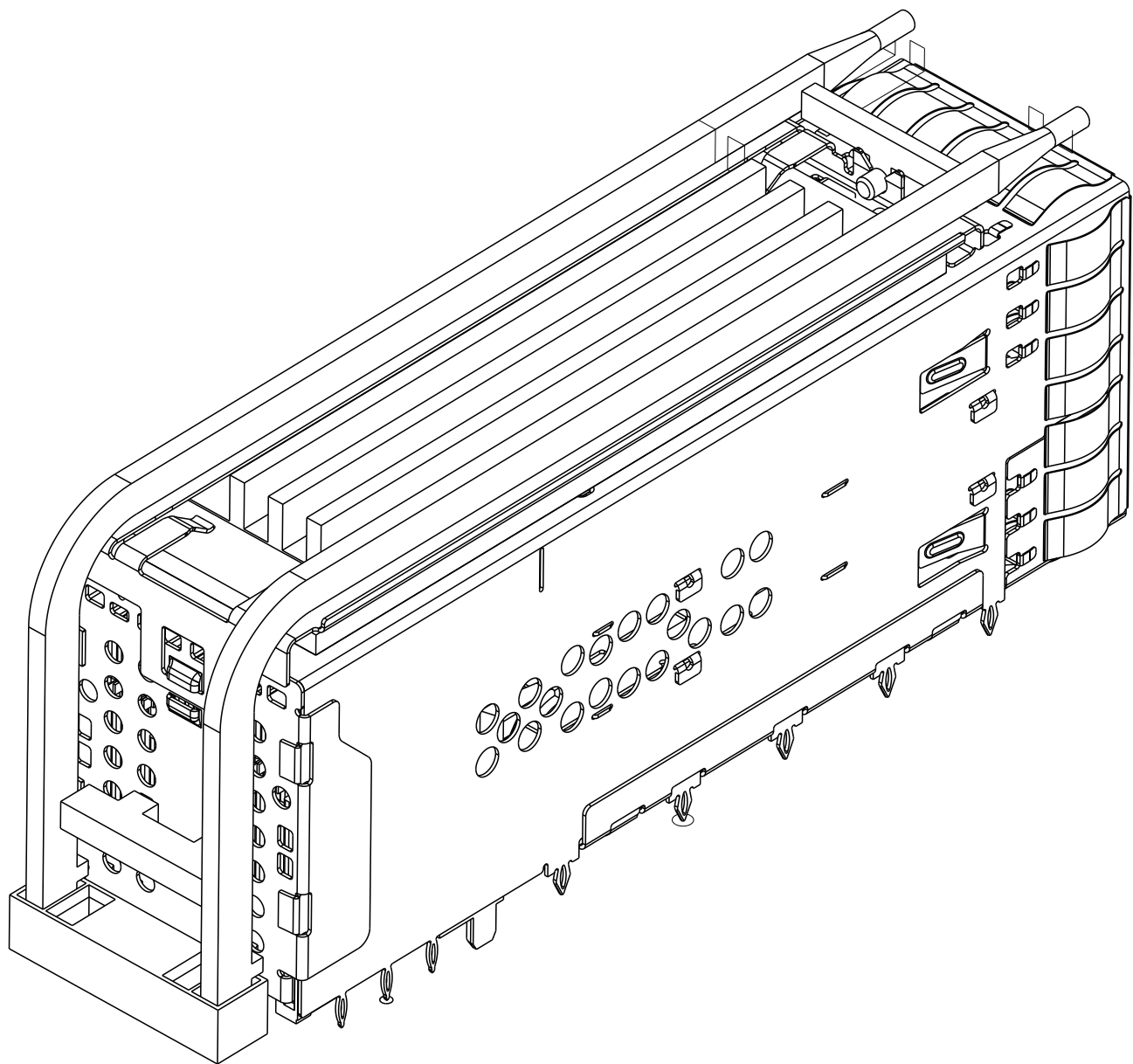
THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION		20	
© COPYRIGHT 20		BY TYCO ELECTRONICS CORPORATION		ALL RIGHTS RESERVED.	

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

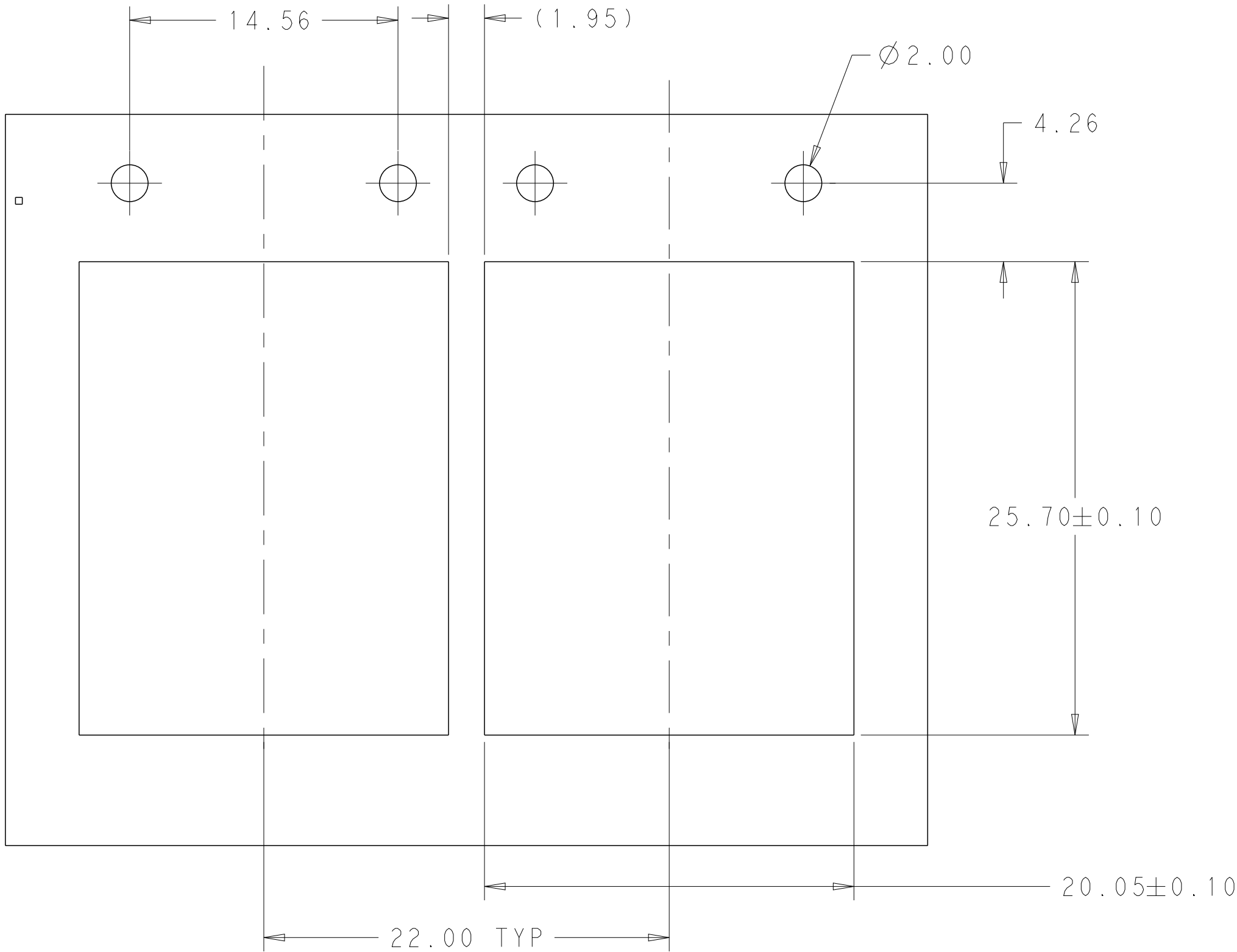
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN	
mm		0 PLC ±		ARTHUR JIN 02FEB2016	
		1 PLC ±0.25		CHK	
		2 PLC ±0.15		SEAN HAN 02FEB2016	
		3 PLC ±		APVD	
		4 PLC ±		SEAN HAN 02FEB2016	
		ANGLES ±		PRODUCT SPEC	
		FINISH ±		APPLICATION SPEC	
MATERIAL		WEIGHT		SIZE	
SEE NOTE 1		-		A100779C=2299940	
		CUSTOMER DRAWING		RESTRICTED TO	
				SCALE 5:1 SHEET 4 OF 10 REV E	

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

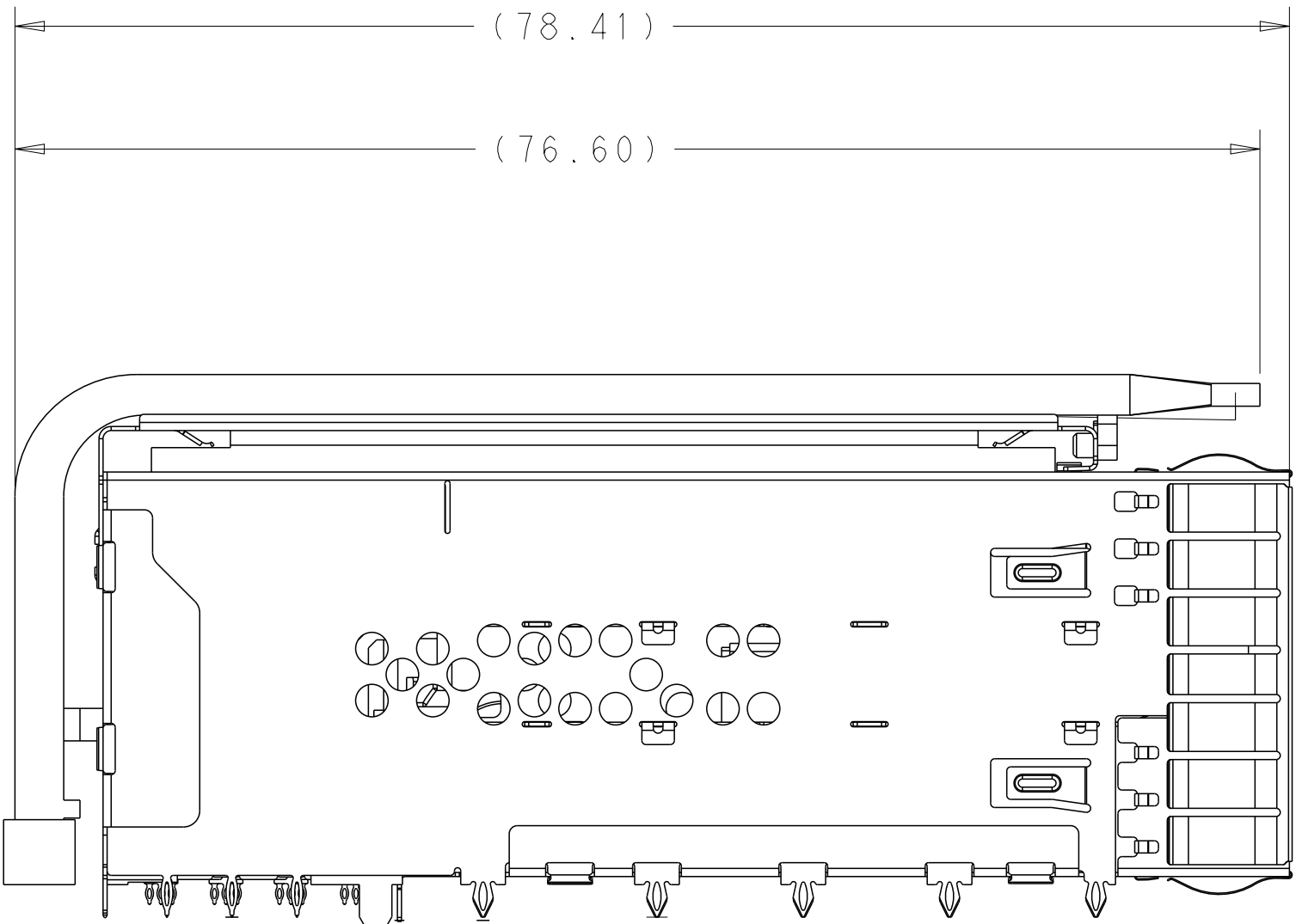
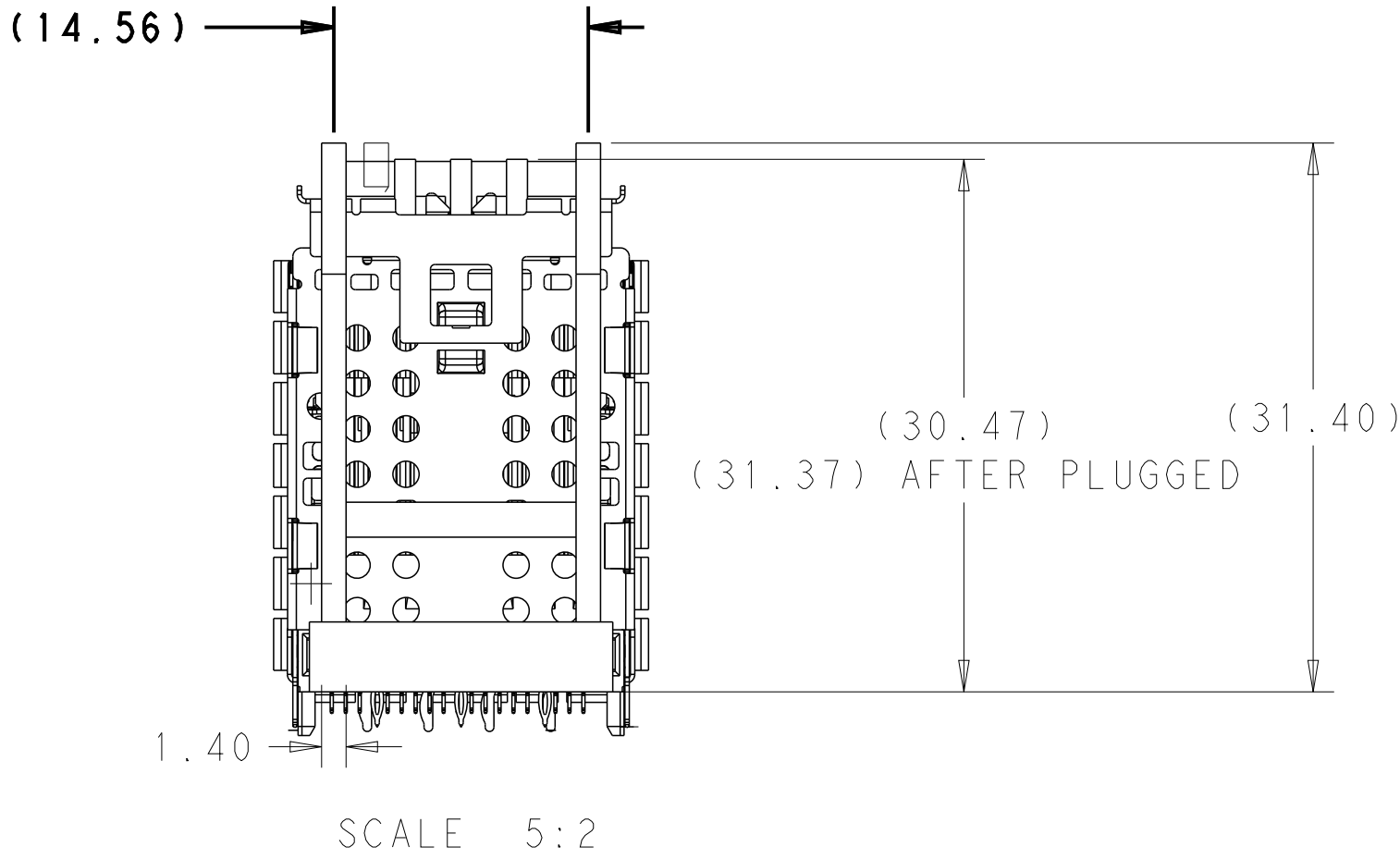
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	



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

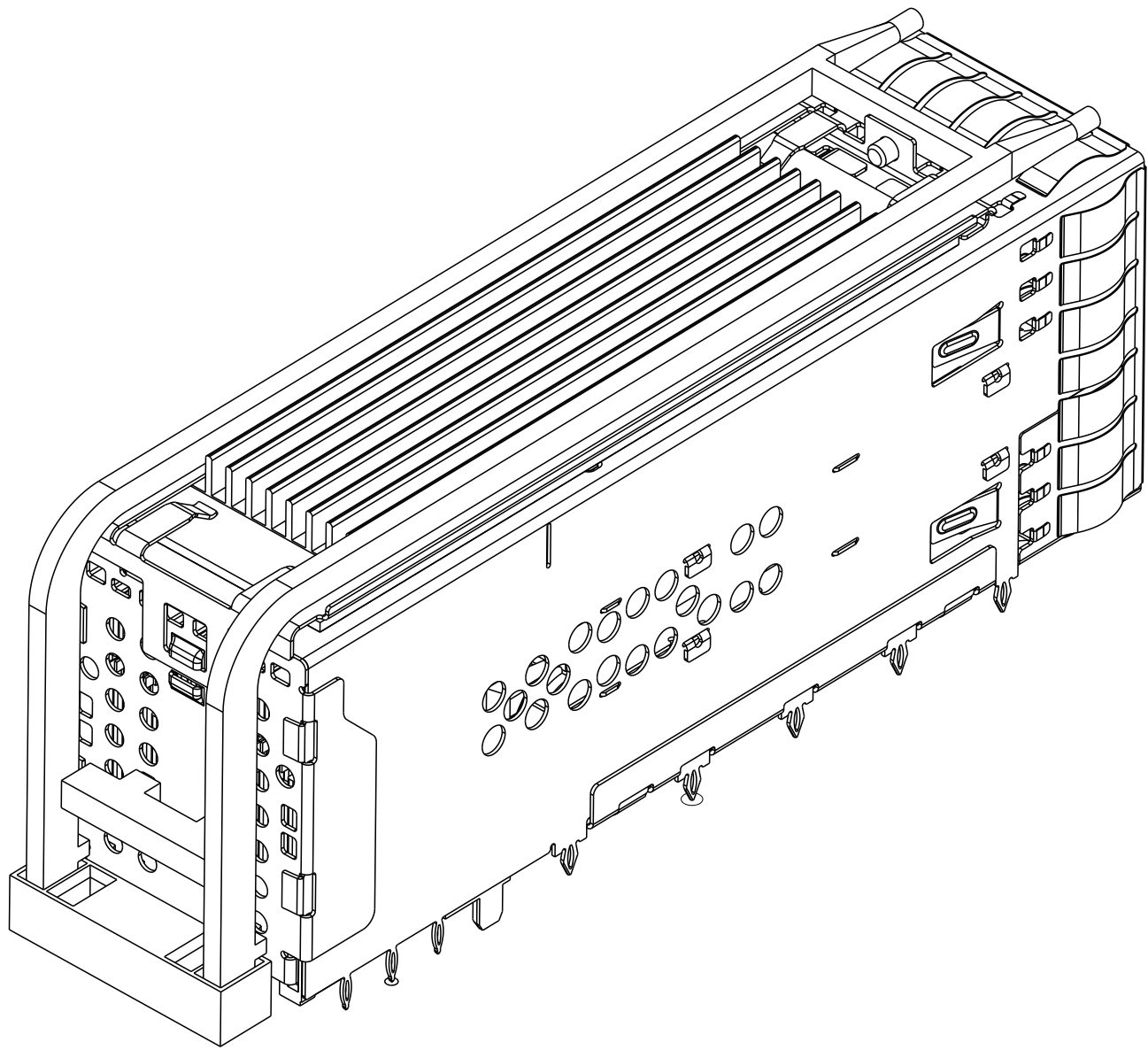


2299940-8 RECOMMENDED BEHIND BEZEL PANEL CUTOUT
SCALE 4:1

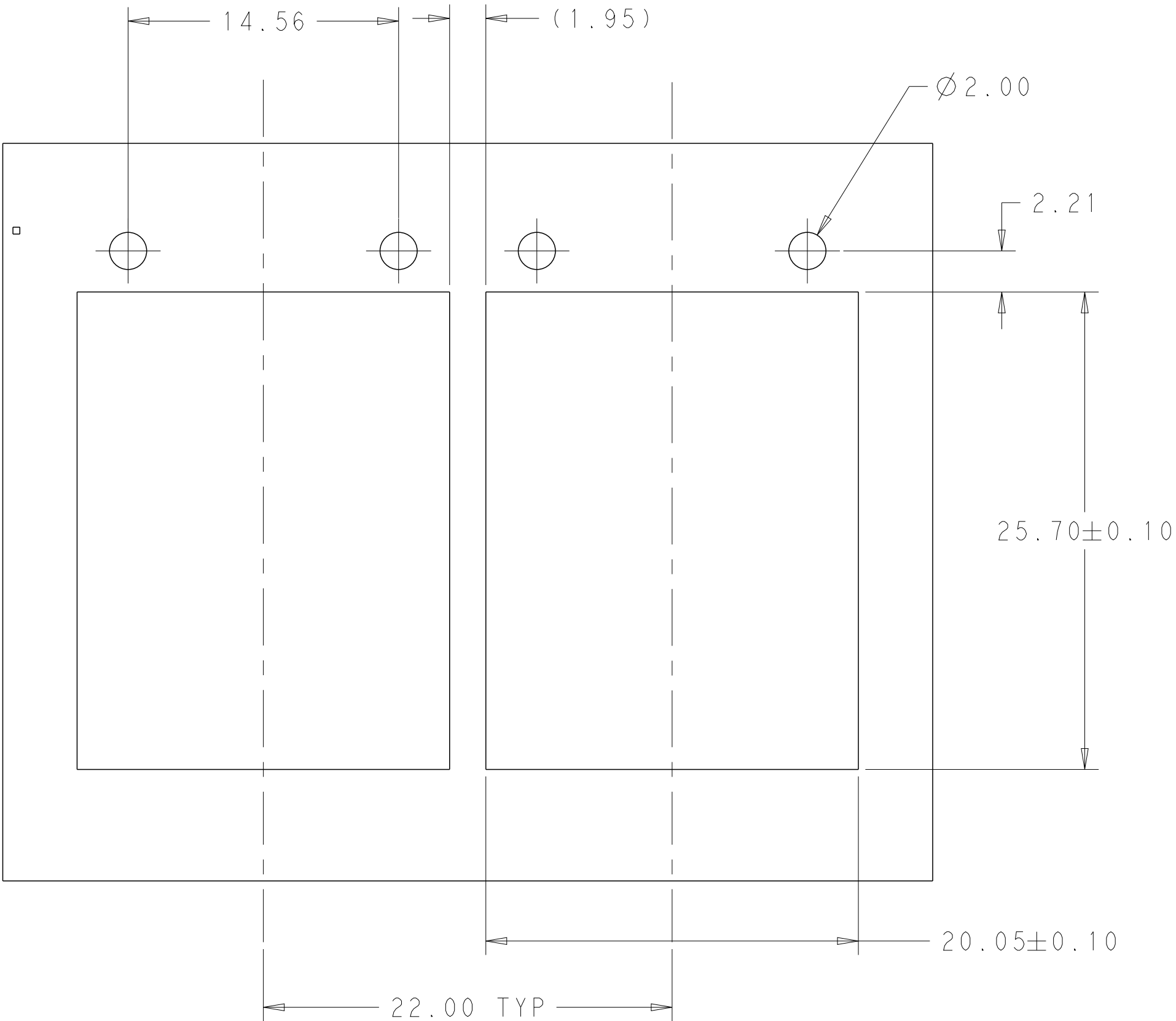


THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	ARTHUR JIN		02FEB2016	 TE Connectivity									
				CHK	SEAN HAN		02FEB2016										
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:				APVD	SEAN HAN		02FEB2016	NAME	CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X1 ZOSFP+ STACKED WITH HS						
mm						PRODUCT SPEC											
		0 P/LC ±				-											
		1 P/LC ±0.25				-											
		2 P/LC ±0.15				-											
		3 P/LC ±				-											
		4 P/LC ±				-											
		ANGLES				-											
MATERIAL		FINISH				WEIGHT				SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO				
SEE NOTE 1		-				-				A1	100779	©=2299940	-				
CUSTOMER DRAWING										SCALE	5:1	SHEET	5	OF	10	REV	E

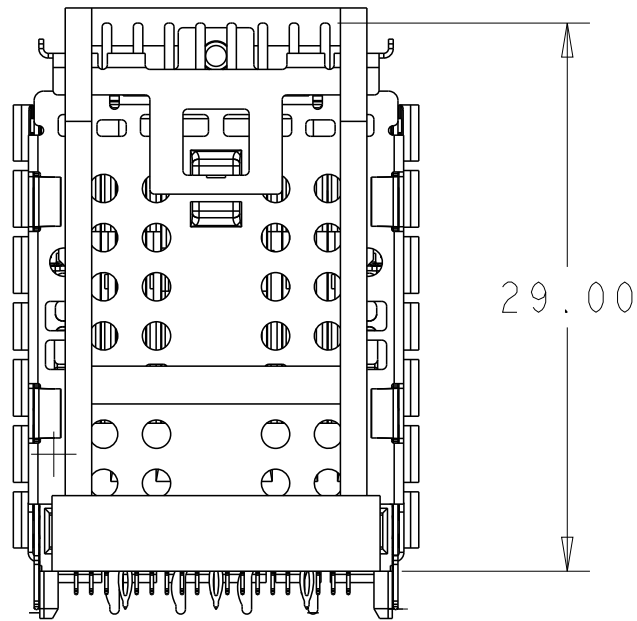
LOC		DIST		REVISIONS				
P	LTR	DESCRIPTION			DATE	DWN	APVD	
-	-	SEE SHEET 1			-	-	-	



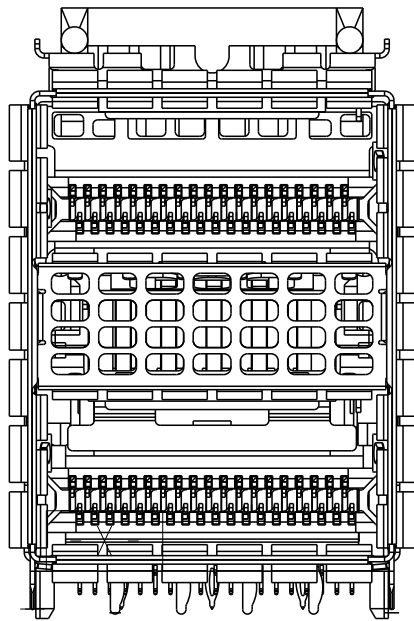
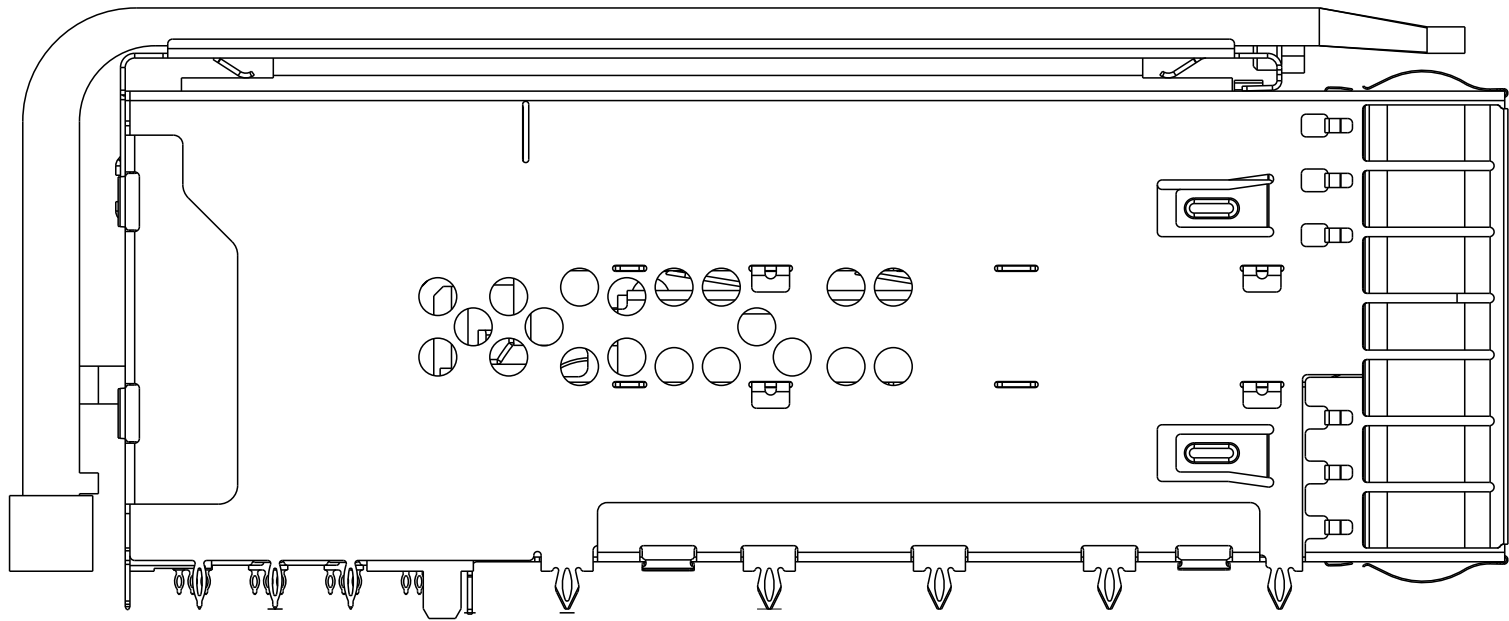
1-2299940-2 AS SHOWN
THE SAME AS 2299940-5
EXCEPT EXTERNAL HEAT SINK,
HEAT SINK CLIP AND LIGHT PIPE
SCALE 5:2

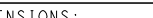


1-2299940-2 RECOMMENDED BEHIND BEZEL PANEL CUTOUT
SCALE 4:1

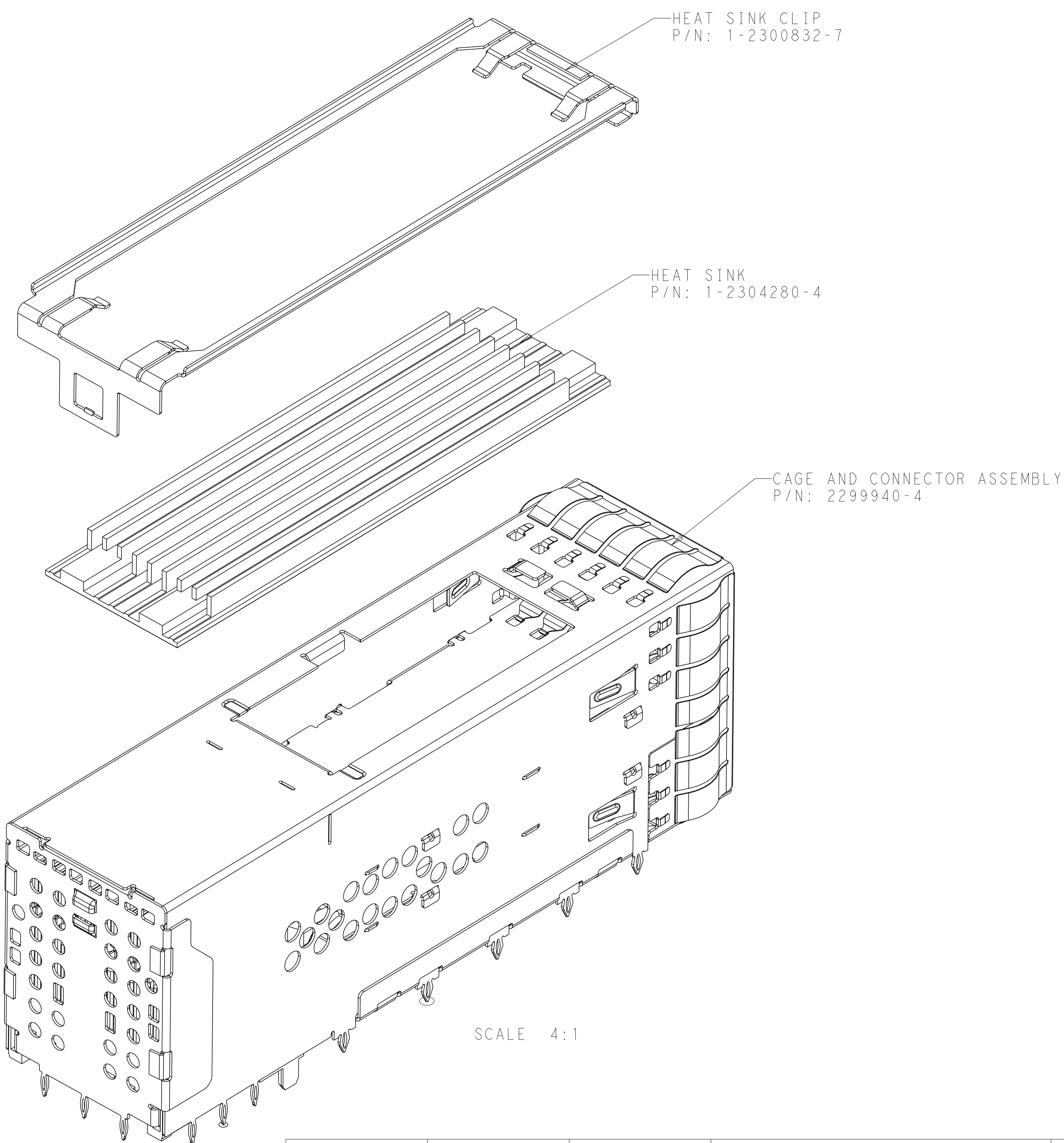


SCALE 5:2



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 E	
3 PLC ±		-		
4 PLC ±		-		
ANGLES ±		-		
FINISH		-		
MATERIAL		CUSTOMER DRAWING		
SEE NOTE 1				

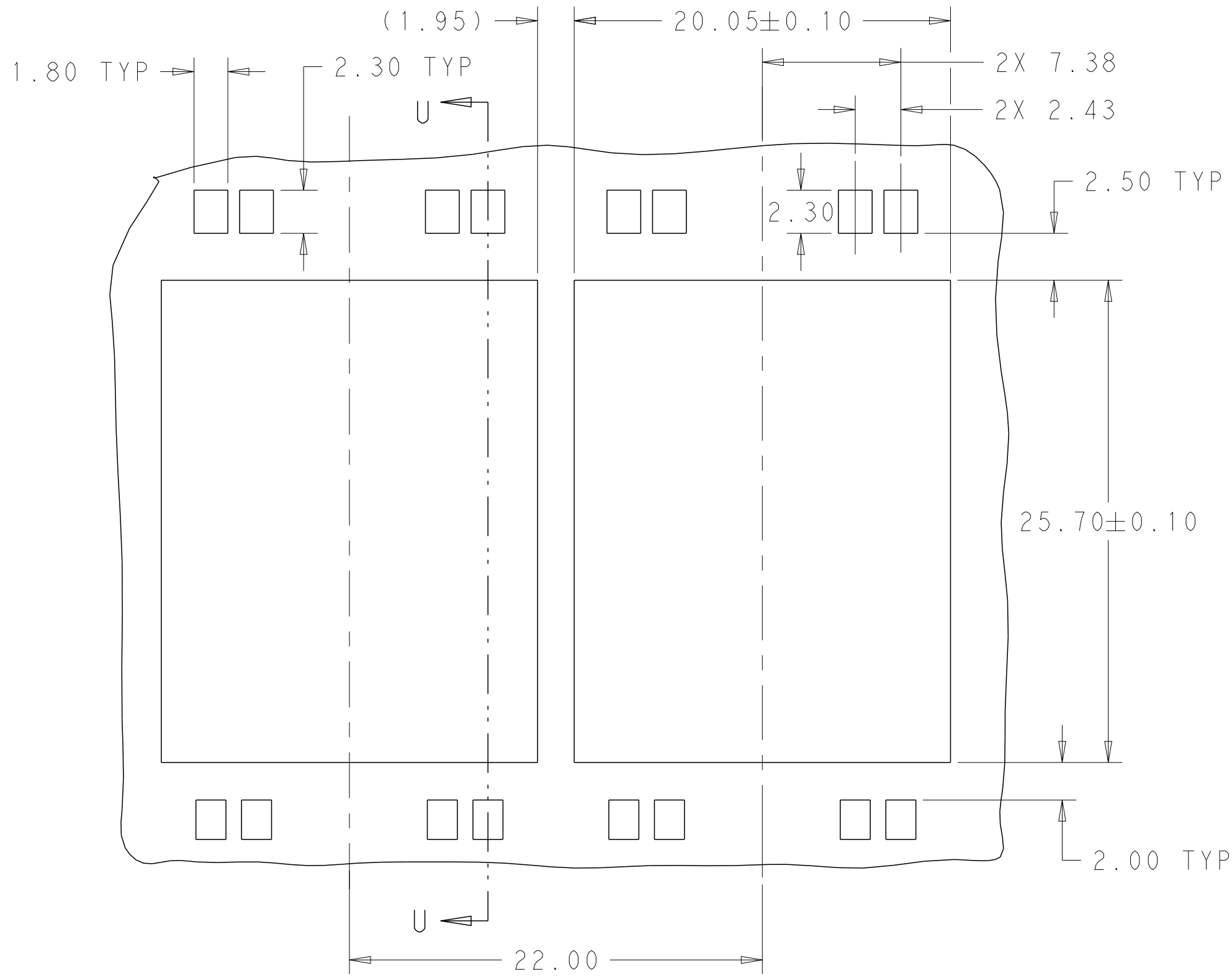
2299940-6 AS SHOWN, KIT PACKAGE



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG ARTHUR LIN 02FEB2016 CHK SEAN HAN 02FEB2016 APP'D SEAN HAN 02FEB2016		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 P/LC ±.025 2 P/LC ±.015 3 P/LC ±. 4 P/LC ±. ANGLES ±. FINISH		NAME CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X1 ZOSFF+ STACKED WITH HS	
		PRODUCT SPEC - APPLICATION SPEC -		SIZE CAGE CODE DRAWING NO A1 00779 C-2299940	
MATERIAL SEE NOTE 1		WEIGHT -		RESTRICTED TO 10	
CUSTOMER DRAWING		SCALE		5:1 SHEET 7 OF 10 REV E	

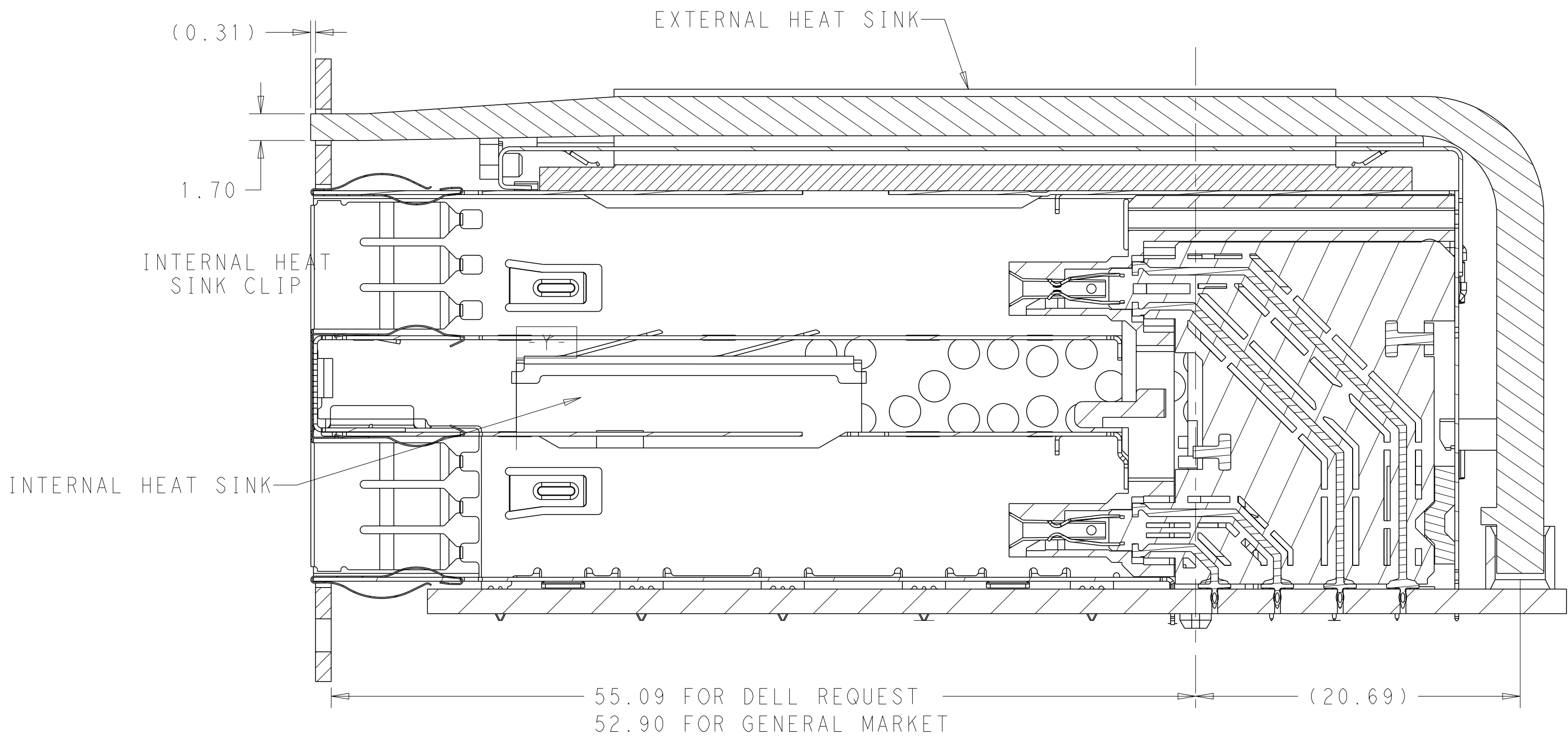
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	



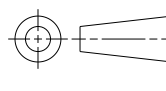
RECOMMENDED PANEL CUTOUT
AND PC BOARD, PANEL POSITION

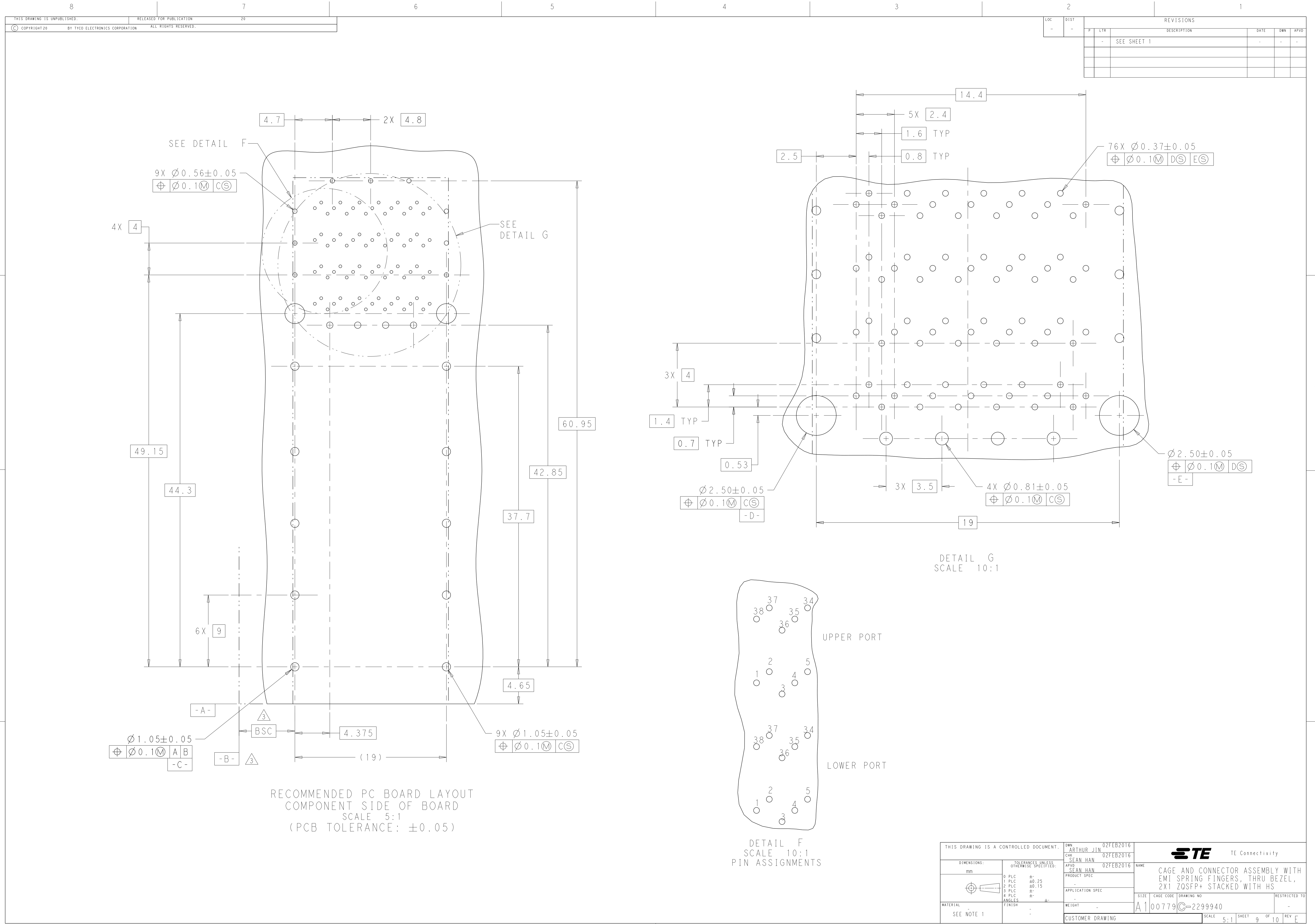
0.10
BOTTOM OF CUTOUT IN PANEL
TO TOP OF PC BOARD

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

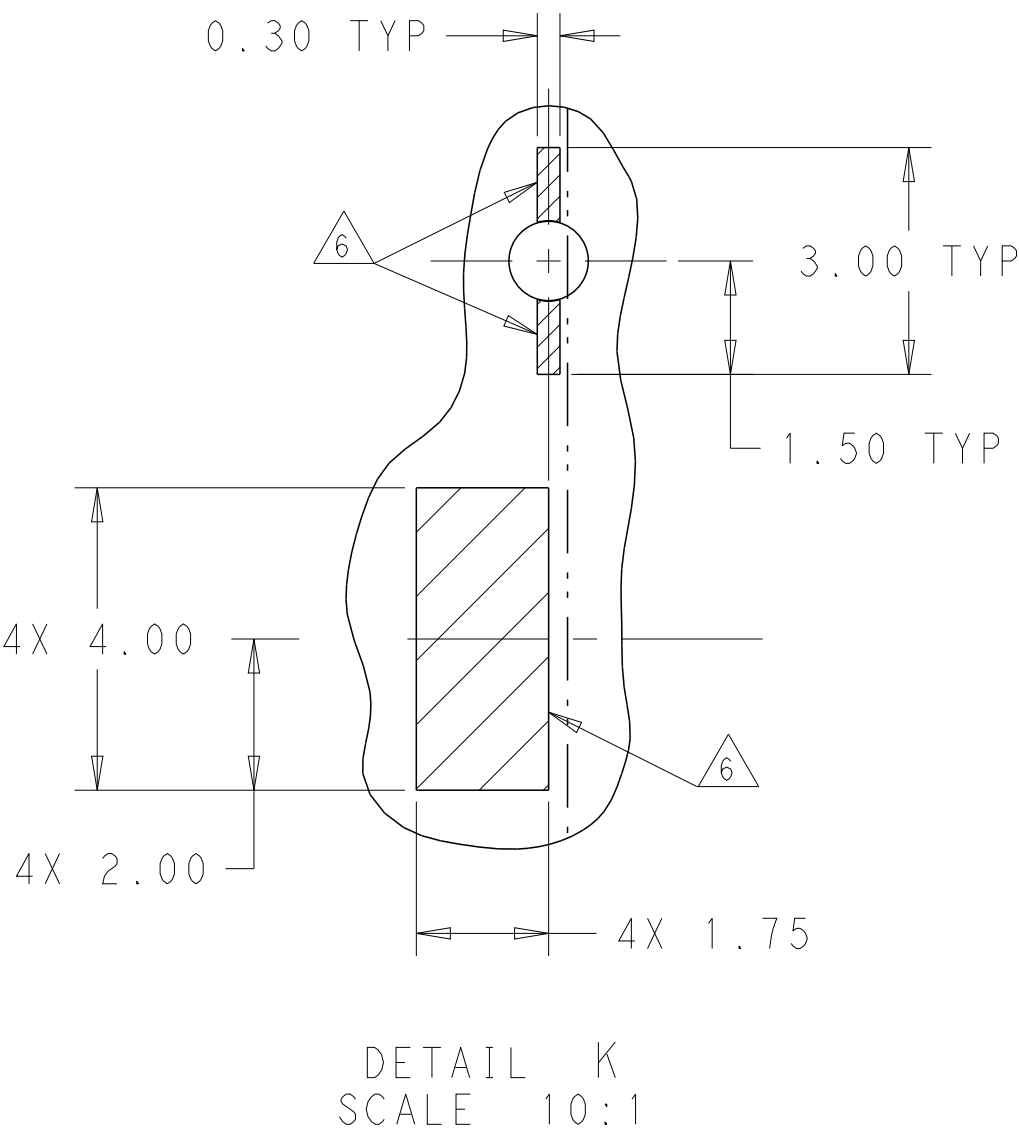
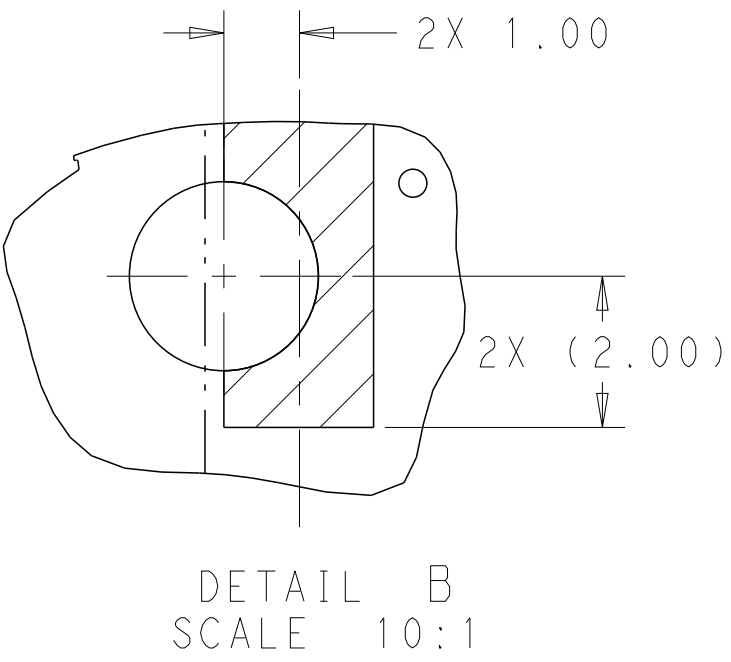
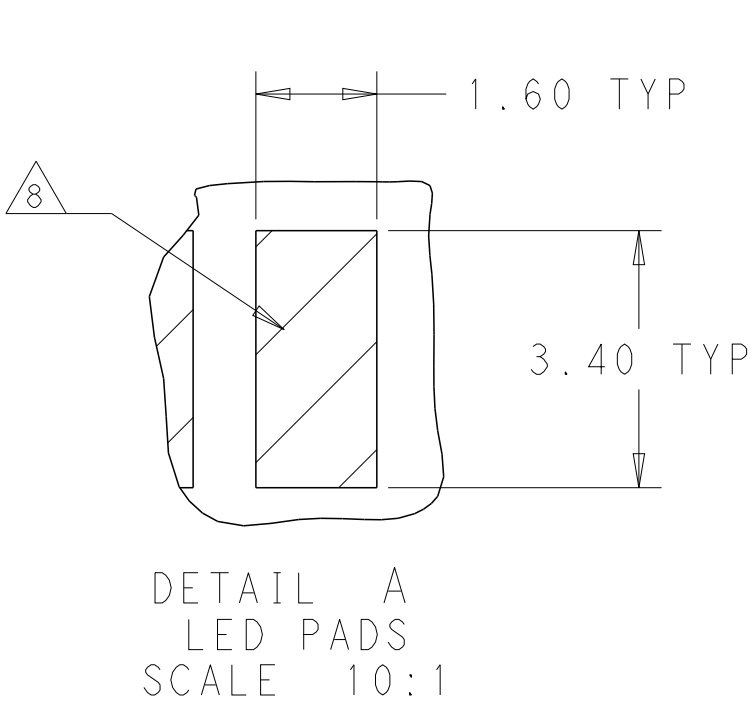
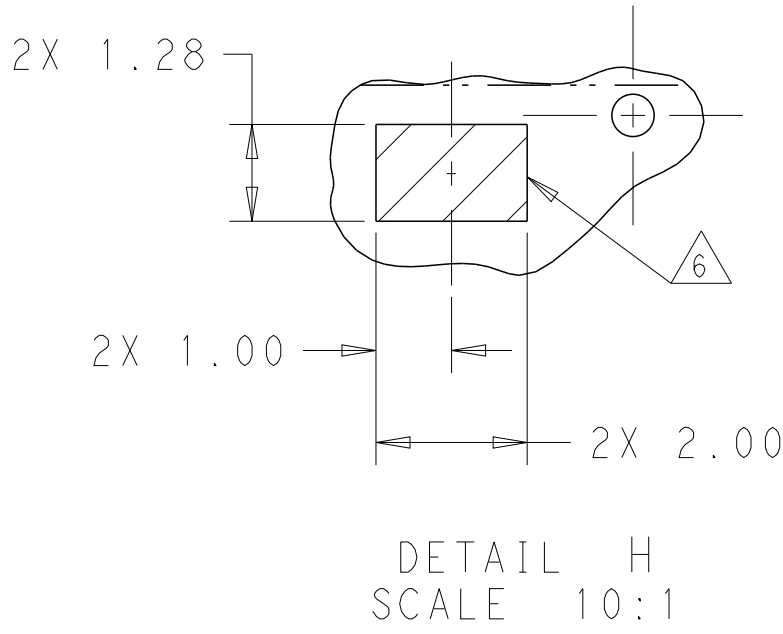
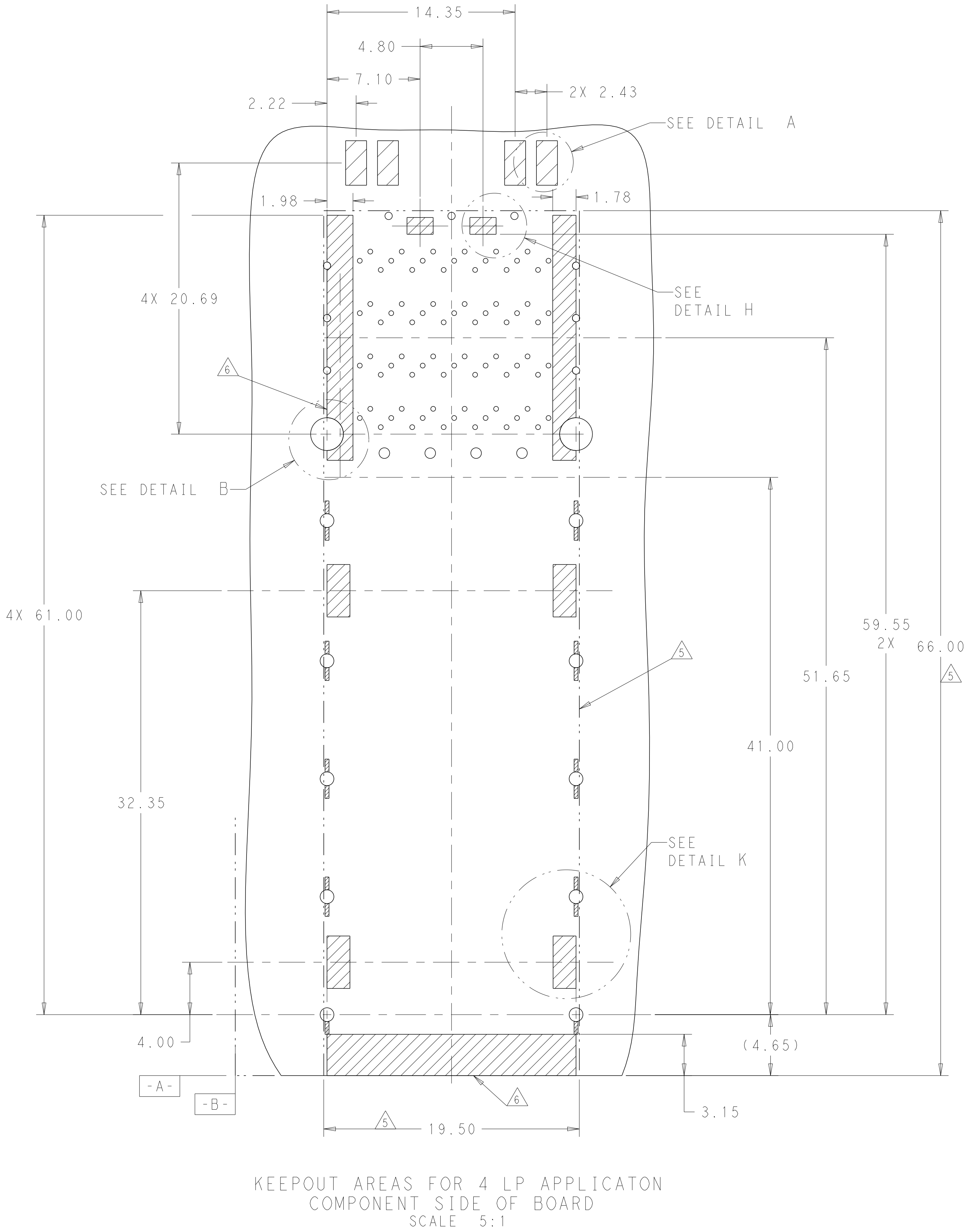


SECTION U-U
SCALE 4:1

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	±	PRODUCT SPEC	
	1 PLC	±0.25	APPLICATION SPEC	
	2 PLC	±0.15	SIZE: A1	
	3 PLC	±	CAGE CODE: 00779	
MATERIAL: SEE NOTE 1		4 PLC	DRAWING NO: C=2299940	
		ANGLES	RESTRICTED TO: -	
		FINISH	SCALE: 5:1	
			SHEET: 8 OF 10	
			REV: E	
			CUSTOMER DRAWING	



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 ± 1 PLC ±0.25 2 PLC ±0.15 3 PLC ± 4 PLC ± ANGLES ± FINISH -	PRODUCT SPEC APPLICATION SPEC	SIZE A100779	
MATERIAL SEE NOTE 1	-	WEIGHT -	CAGE CODE C=2299940	
CUSTOMER DRAWING		SCALE 5:1	SHEET 10	REV E