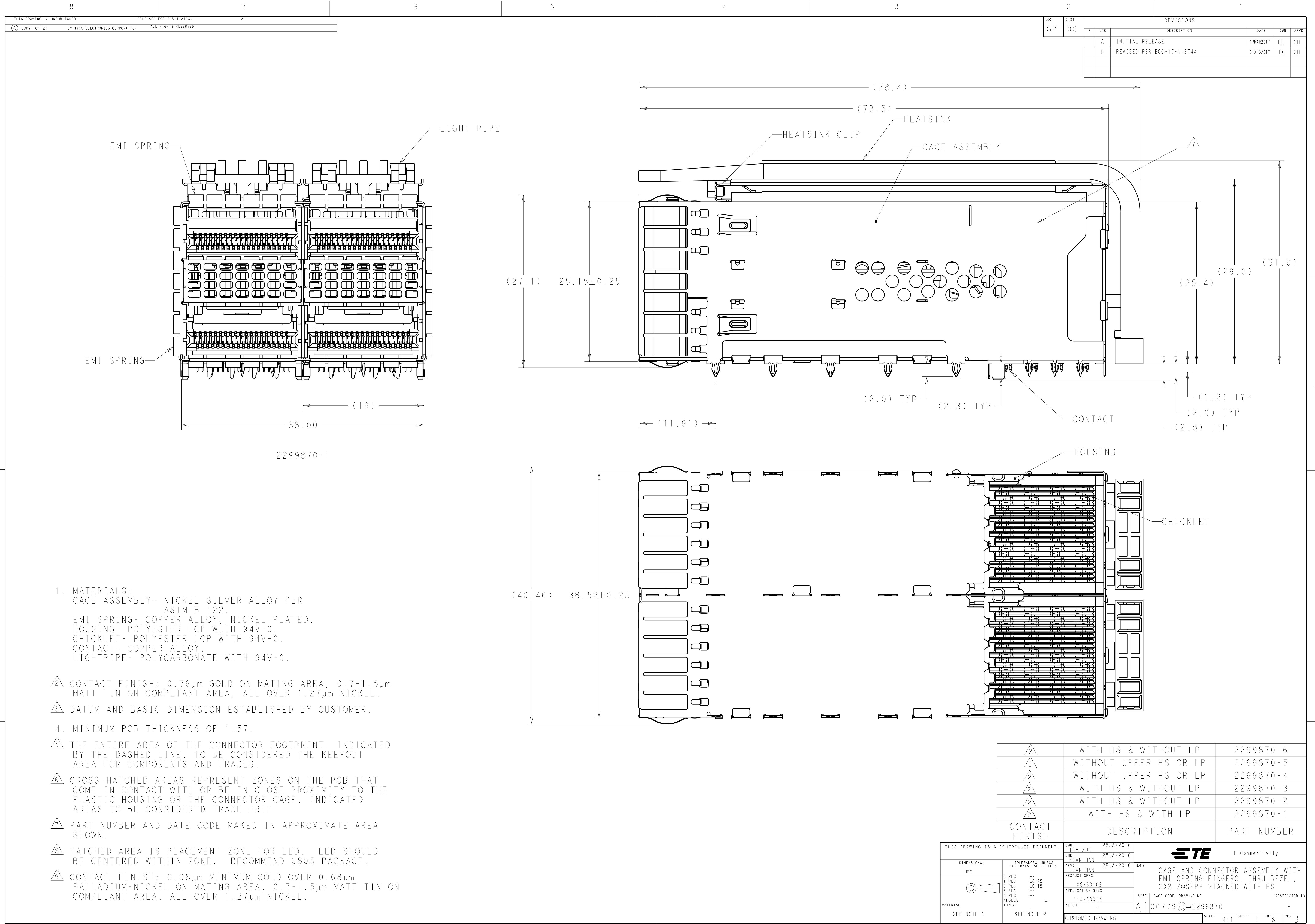




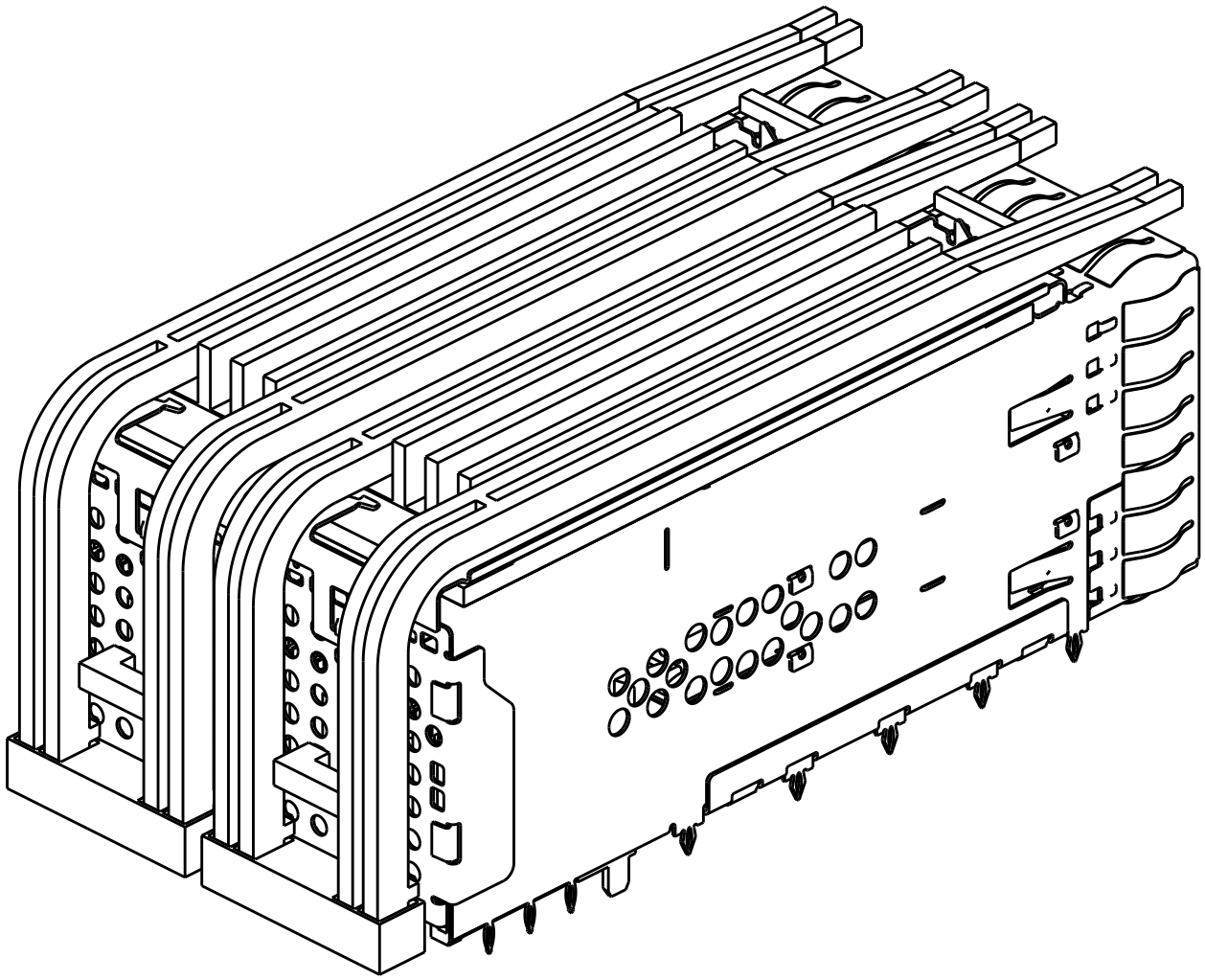
LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
				A		INITIAL RELEASE	13MAR2017	LL	SH
				B		REVISED PER ECO-17-012744	31AUG2017	TX	SH

- 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 AREA, 0.7-1.5µm MATT TIN ON COMPLIANT AREA, ALL OVER 1.27µm NICKEL.
- DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
- 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 AND TRACES.
- 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.
- CONTACT FINISH: 0.08µm MINIMUM GOLD OVER 0.68µm PALLADIUM-NICKEL ON MATING AREA, 0.7-1.5µm MATT TIN ON COMPLIANT AREA, ALL OVER 1.27µm NICKEL.

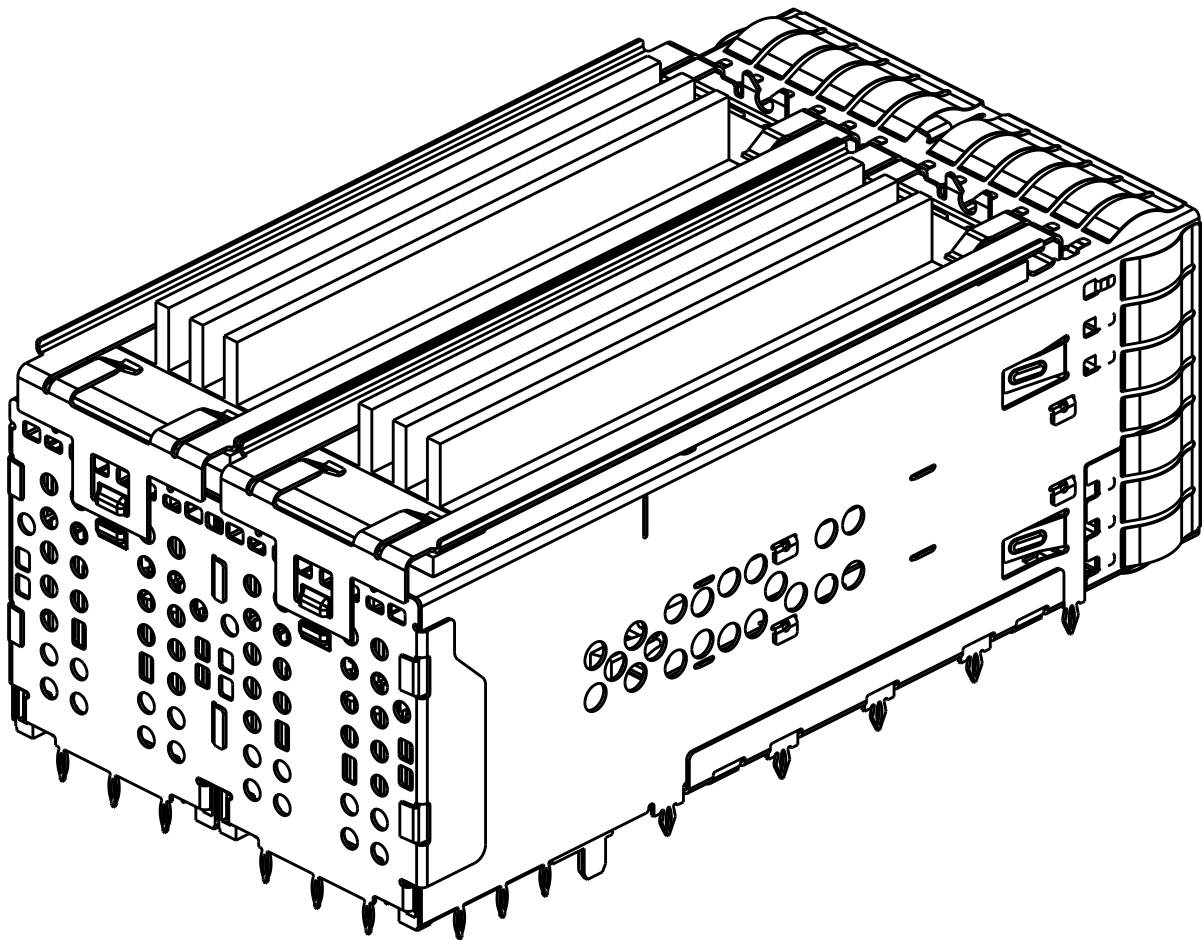
2	WITH HS & WITHOUT LP	2299870-6
2	WITHOUT UPPER HS OR LP	2299870-5
2	WITHOUT UPPER HS OR LP	2299870-4
2	WITH HS & WITHOUT LP	2299870-3
2	WITH HS & WITHOUT LP	2299870-2
2	WITH HS & WITH LP	2299870-1
CONTACT FINISH	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: TIM XUE 28JAN2016	 TE Connectivity										
DIMENSIONS:		CHK: SEAN HAN 28JAN2016											
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD: SEAN HAN 28JAN2016	NAME	CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZOSFP+ STACKED WITH HS									
		PRODUCT SPEC											
	0 PLC ±.05	108-60102	APPLICATION SPEC	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO						
	1 PLC ±.10												
MATERIAL	2 PLC ±.15	114-60015	WEIGHT	A1	00779	C=2299870	-						
	3 PLC ±.15												
SEE NOTE 1		SEE NOTE 2		CUSTOMER DRAWING		SCALE	4:1	SHEET	1	OF	8	REV	B

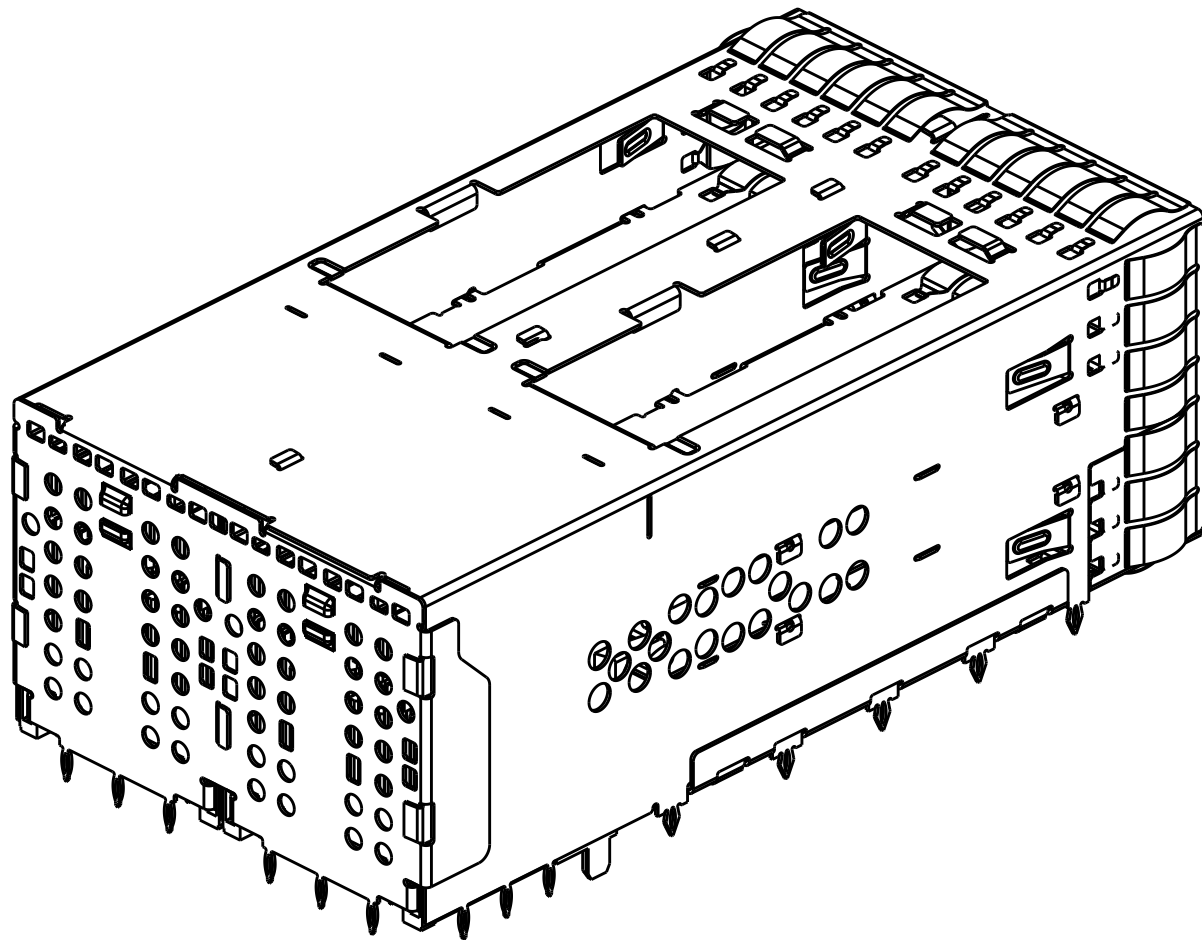
LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-



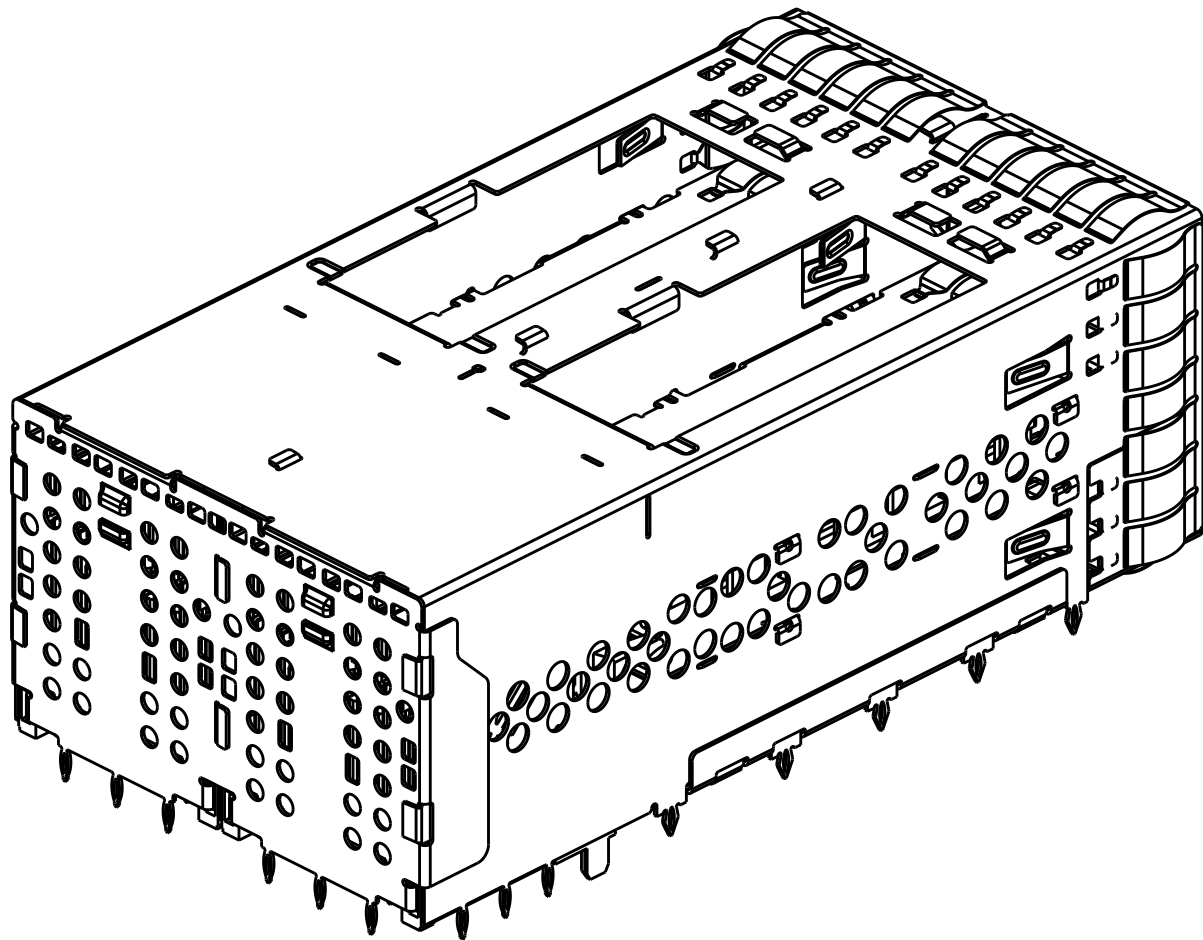
2299870-1 AS SHOWN
SCALE 2:1



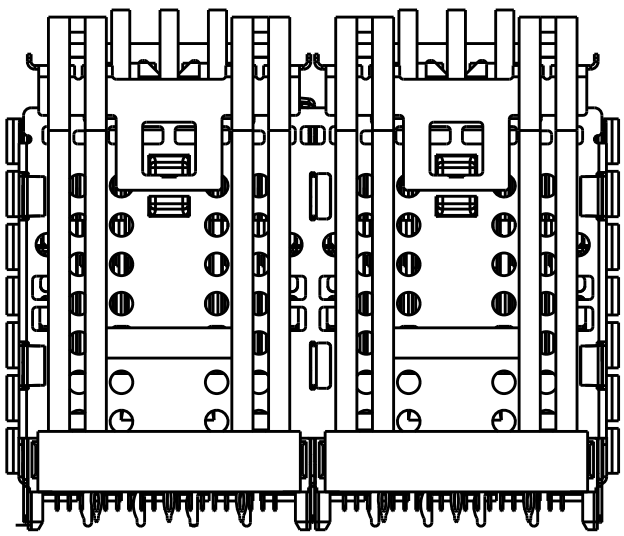
2299870-2 AS SHOWN
SAME AS 2299870-1 EXCEPT
W/O LEGHT PIPE AND ORGANIZER
SCALE 2:1



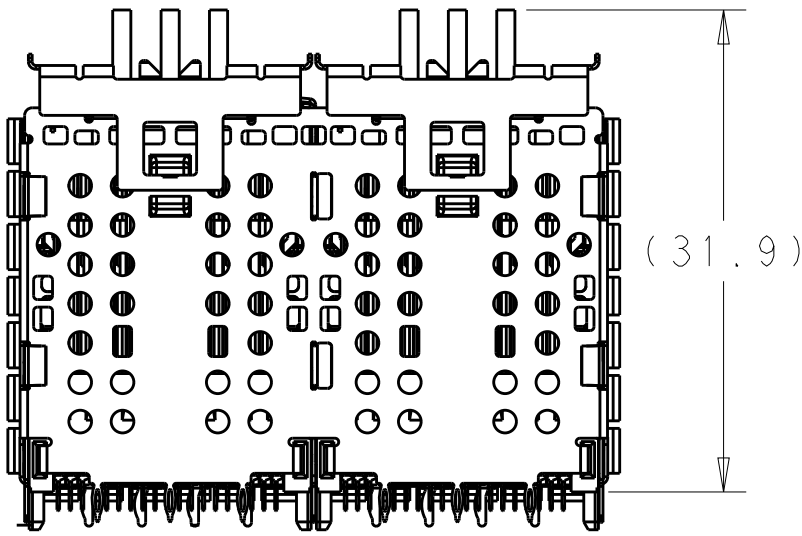
2299870-4 AS SHOWN
SAME AS 2299870-2 EXCEPT
W/O EXTERNAL HEAT SINK AND LP
SCALE 2:1



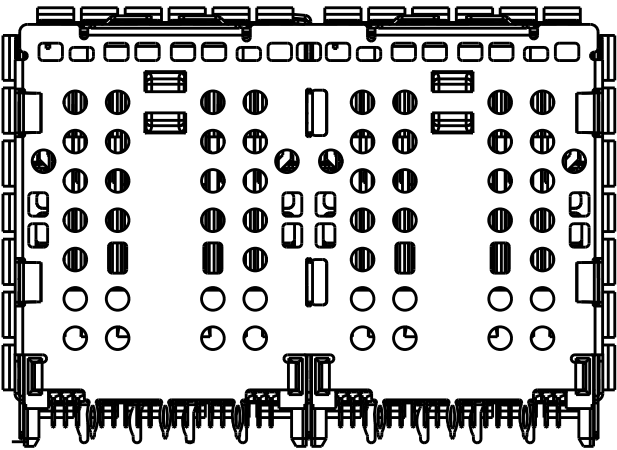
2299870-5
SCALE 2:1



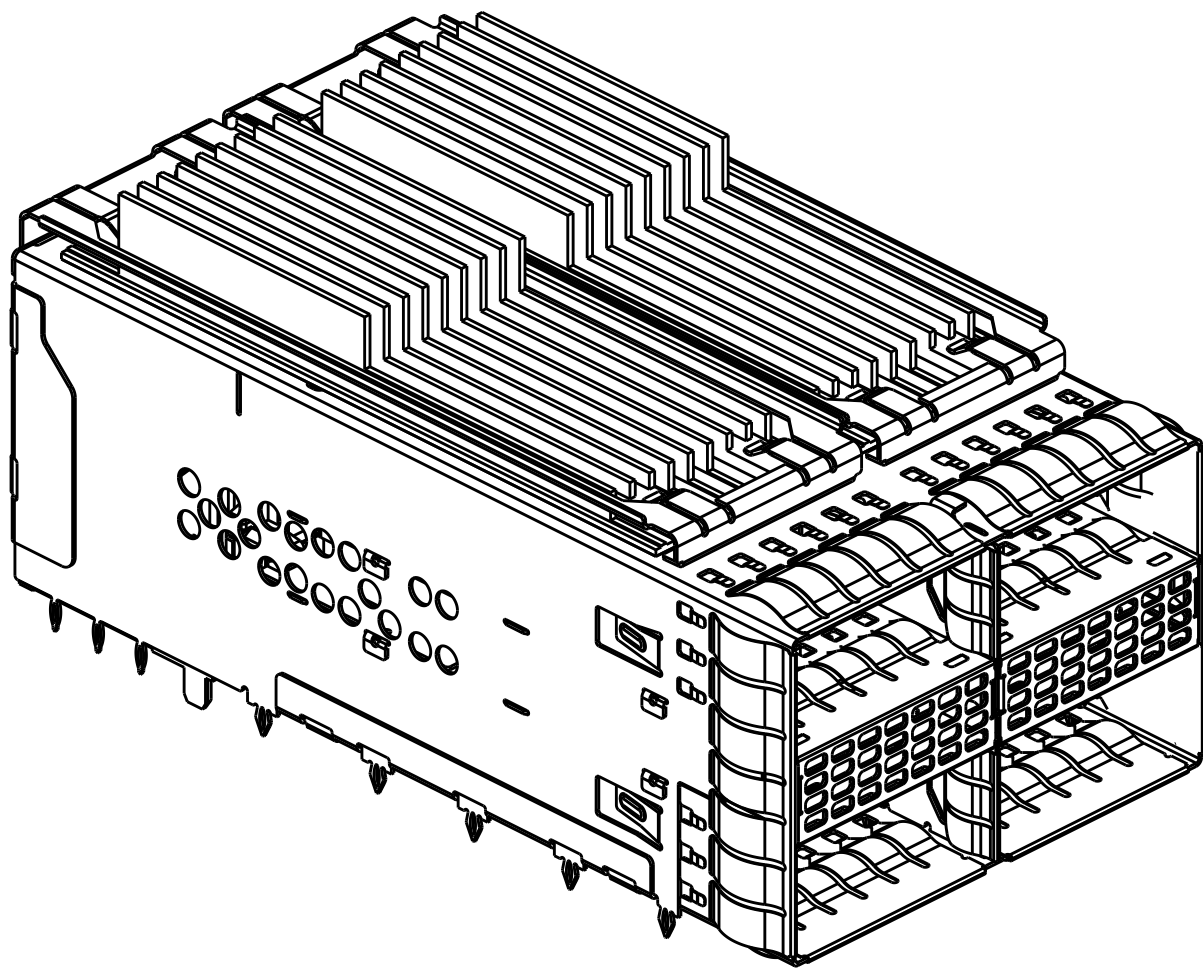
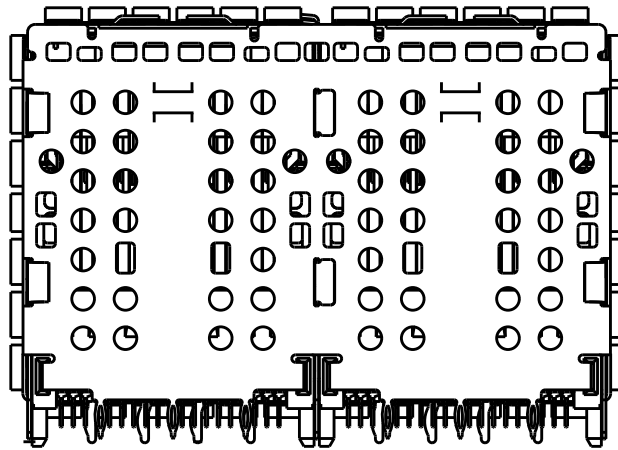
2299870-1
SCALE 2:1



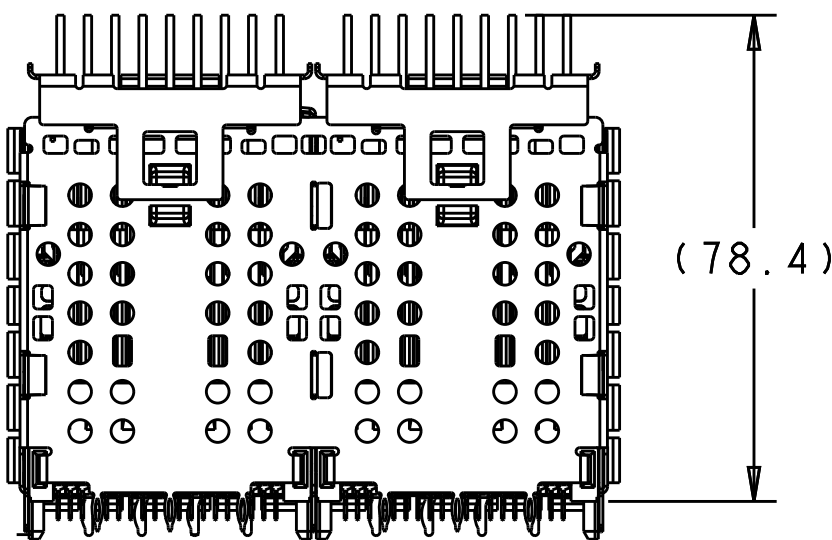
2299870-2
SCALE 2:1



2299870-4
SCALE 2:1



2299870-6
SCALE 2:1

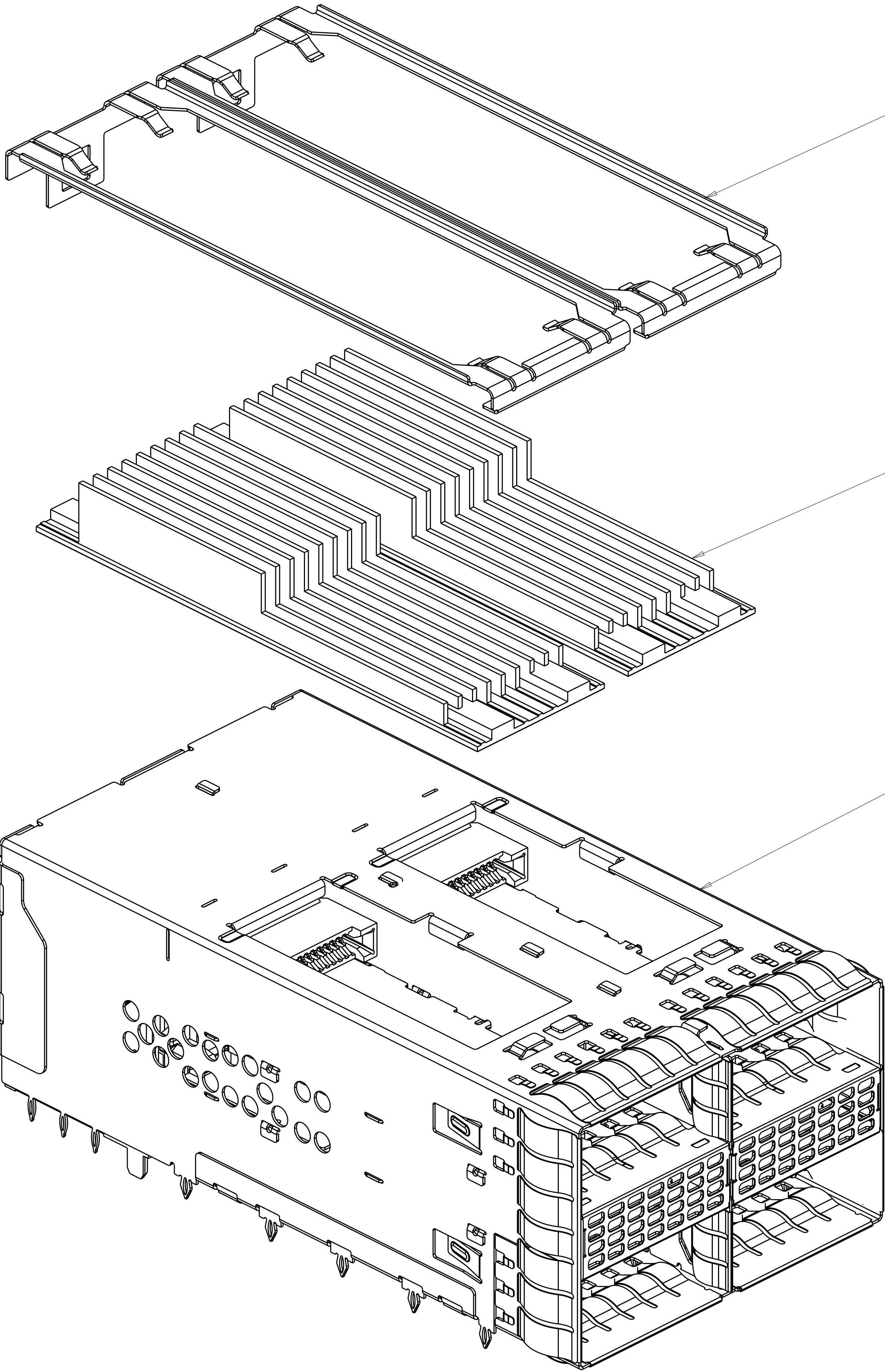


2299870-6
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN	TIM XUE	28JAN2016	TE Connectivity CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSPF+ STACKED WITH HS			
		CHK	SEAN HAN	28JAN2016				
DIMENSIONS:		APVD	SEAN HAN	28JAN2016	NAME			
mm		PRODUCT SPEC			108-60102			
		APPLICATION SPEC			114-60015			
		FINISH			WEIGHT			
MATERIAL		SEE NOTE 1			SEE NOTE 2			
SEE NOTE 1		SEE NOTE 2			CUSTOMER DRAWING			
					SIZE			
					A100779C=2299870			
					RESTRICTED TO			
					-			
					SCALE			
					4:1			
					SHEET			
					2			
					OF			
					8			
					REV			
					B			

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

2299870-3 AS SHOWN, KIT PACKAGE



HEAT SINK CLIP
PN: 1-2300832-7

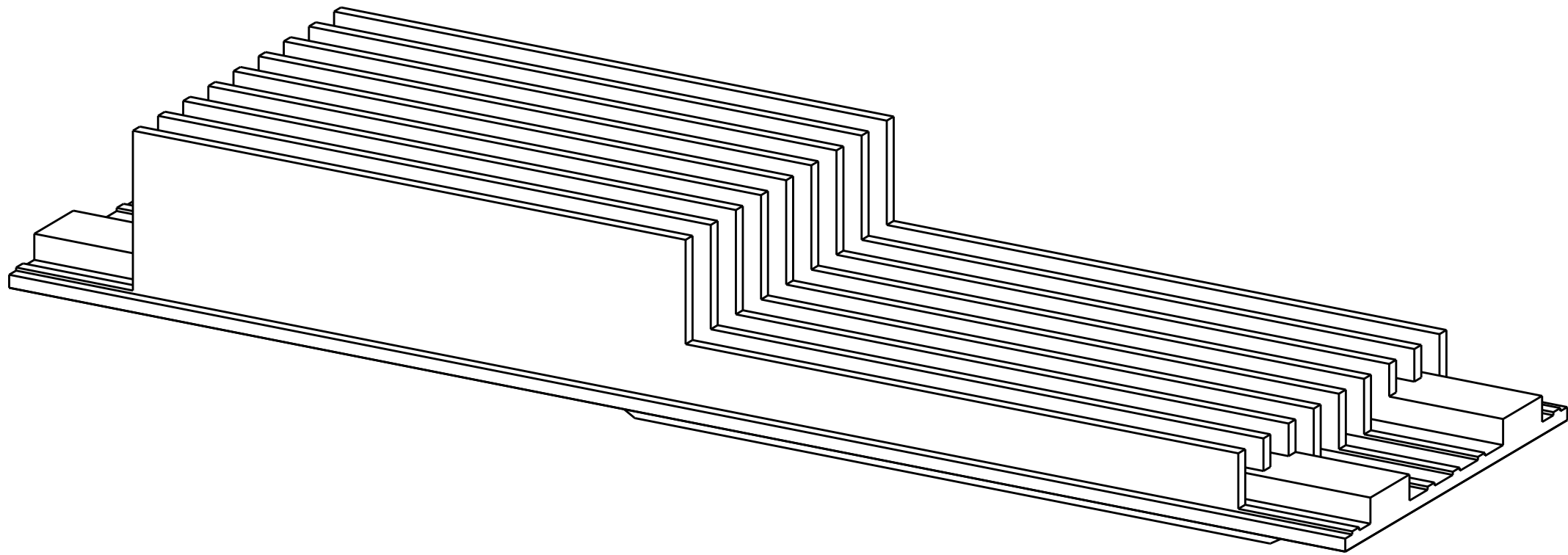
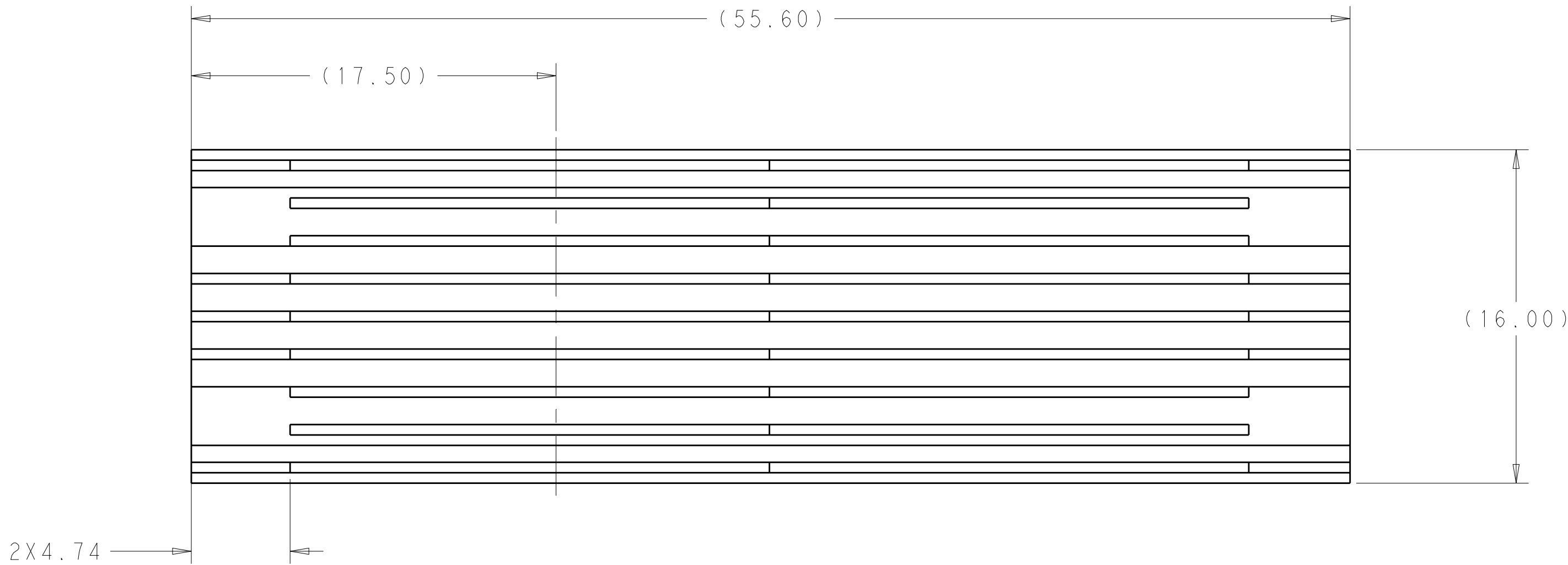
HEAT SINK
PN: 1-2304280-3

CAGE AND CONNECTOR ASSEMBLY
PN: 2299870-4

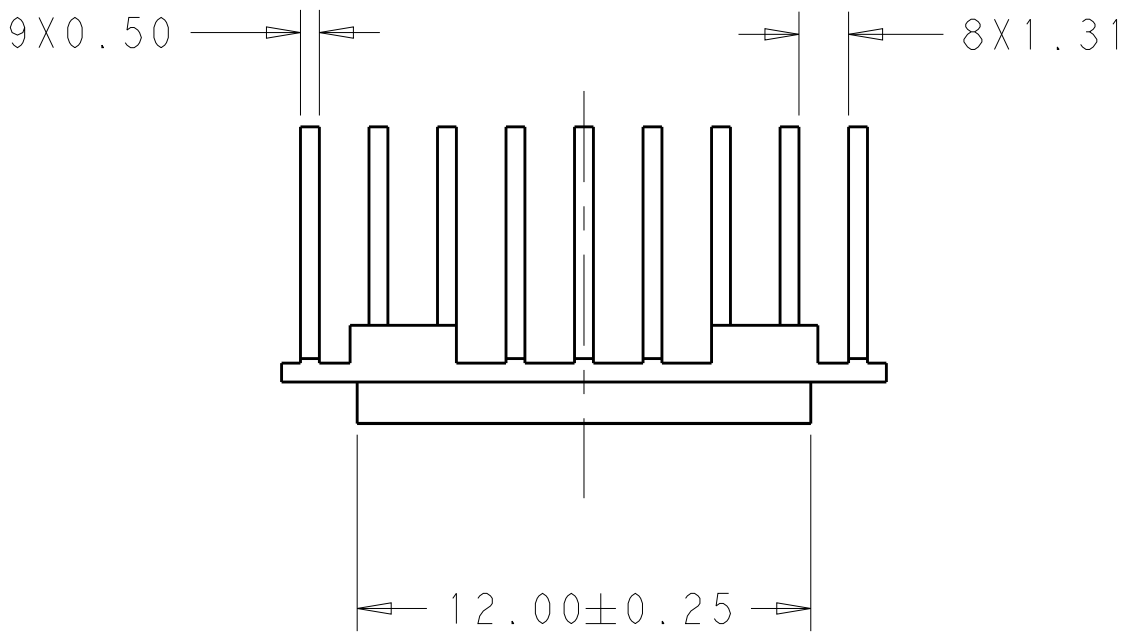
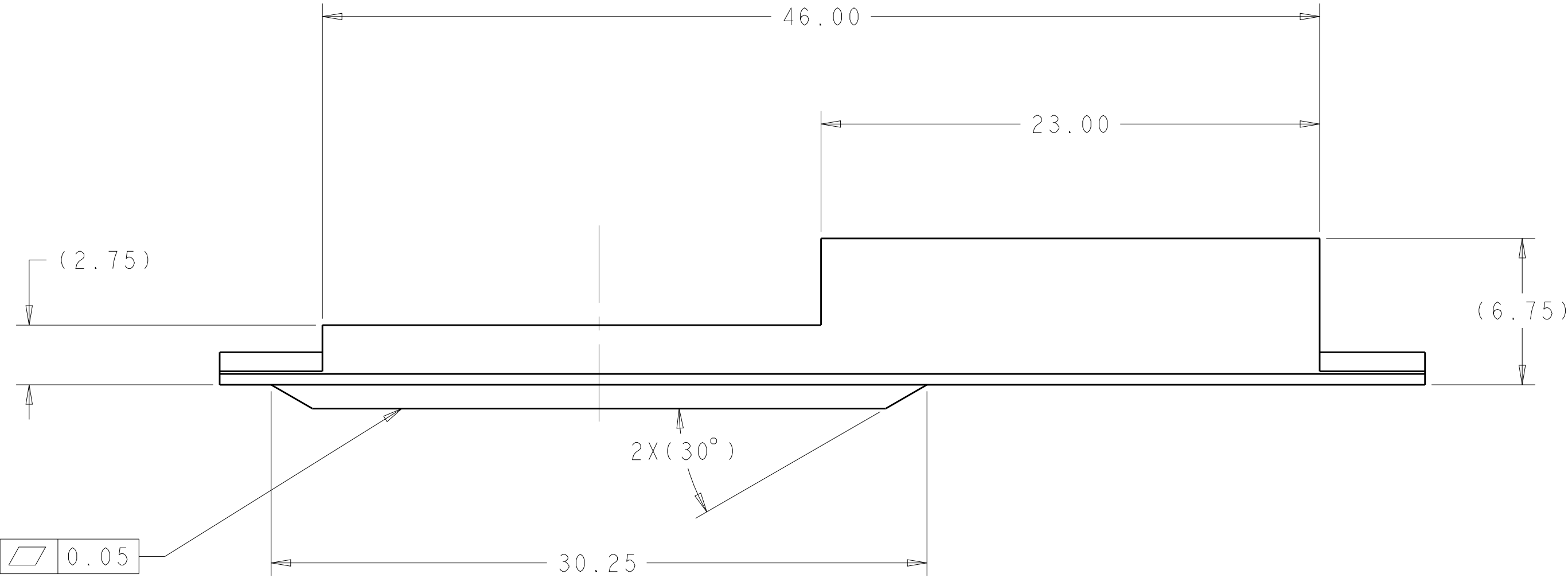
SCALE 4:1

2	1-2300832-7	HEAT SINK CLIP	3
2	1-2304280-3	HEAT SINK	2
1	2299870-4	CAGE AND CONNECTOR ASSEMBLY	1
2299870-3	PART NUMBER	DESCRIPTION	ITEM
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE 28JAN2016	TE Connectivity CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS
		CHK SEAN HAN 28JAN2016	
		APVD SEAN HAN 28JAN2016	
		NAME PRODUCT SPEC 108-60102 APPLICATION SPEC 114-60015	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.25 2 PLC ±0.15 3 PLC ± 4 PLC ± ANGLES ± FINISH	SIZE CAGE CODE DRAWING NO RESTRICTED TO
MATERIAL SEE NOTE 1		WEIGHT -	A100779C=2299870
SEE NOTE 2		CUSTOMER DRAWING	SCALE 4:1 SHEET 3 OF 8 REV B

LOC		DIST		REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD		
		-		SEE SHEET 1	-	-	-		

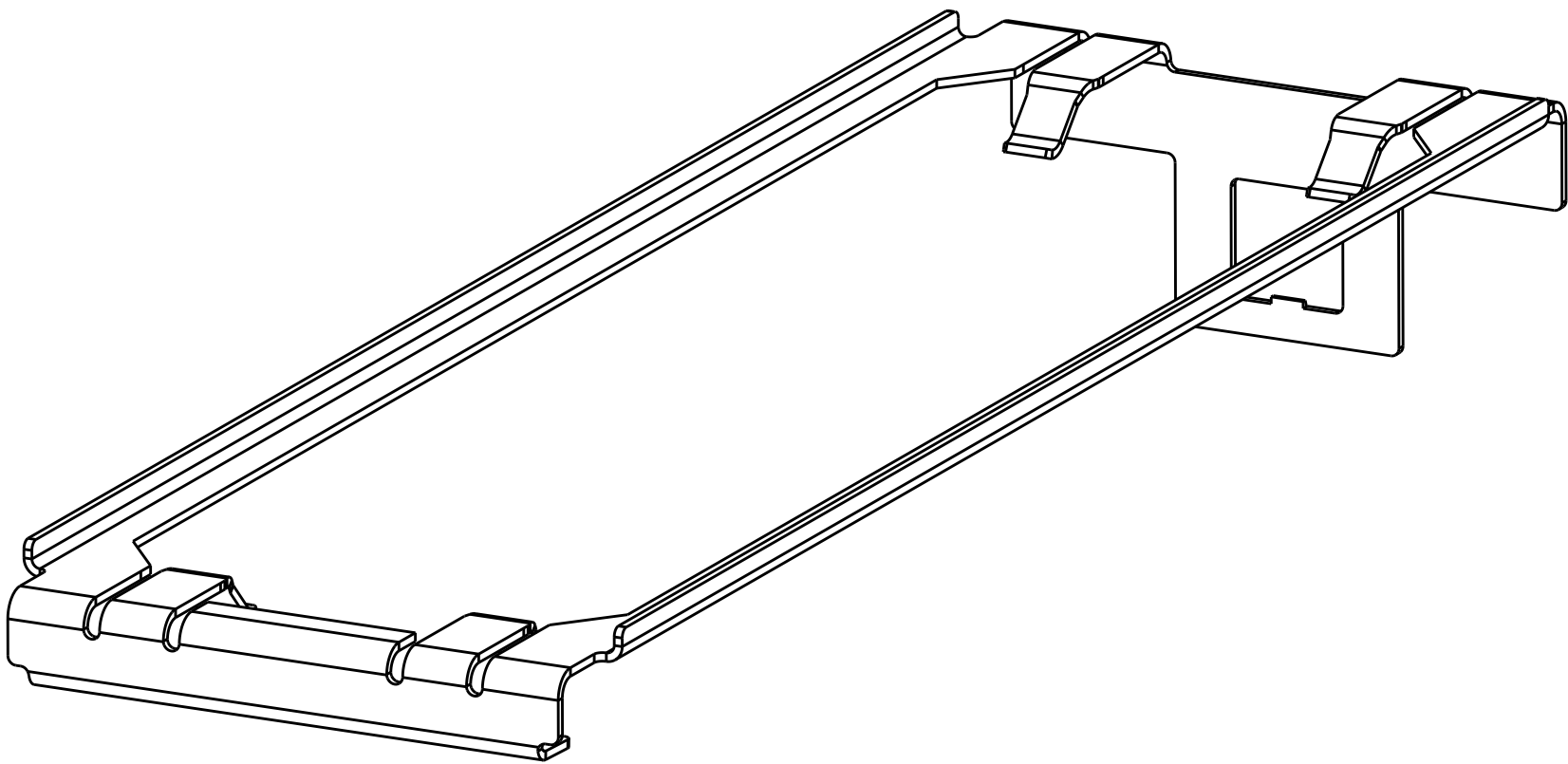
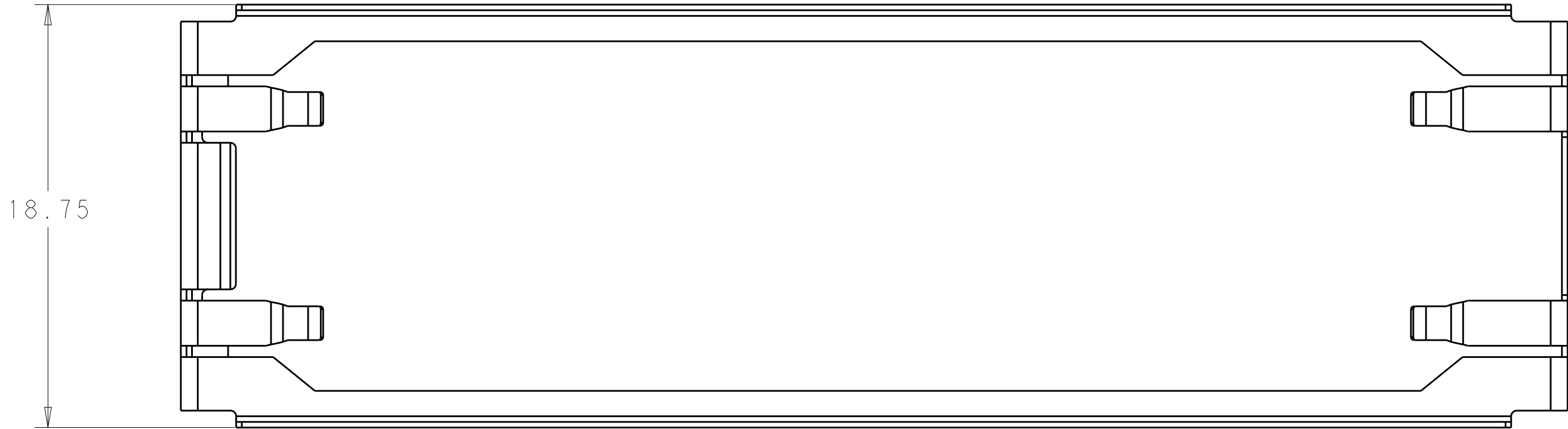


1-2304280-3 HEAT SINK SHOWN
SCALE 5:1

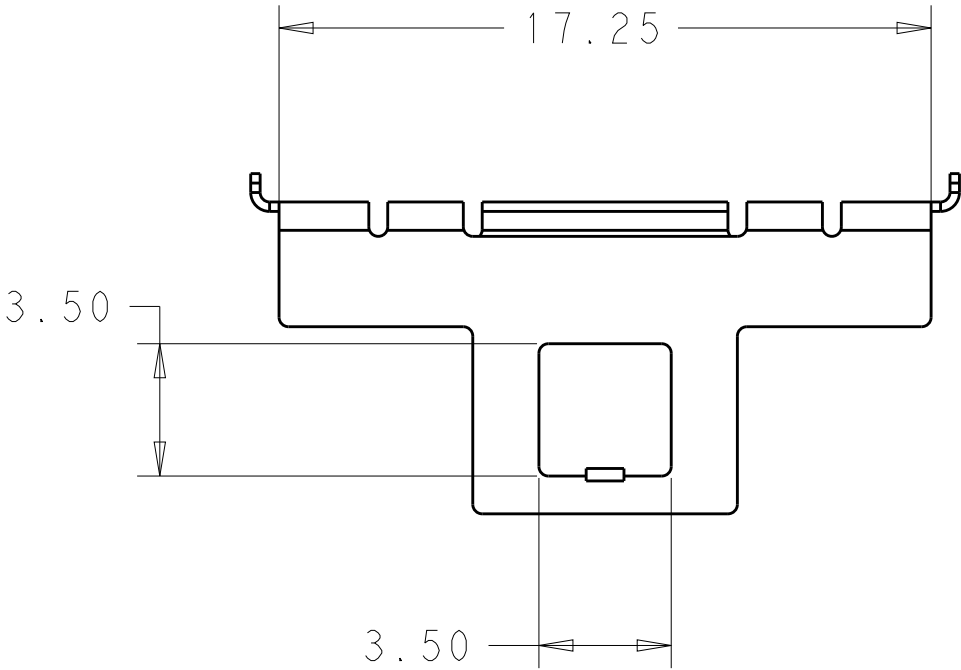
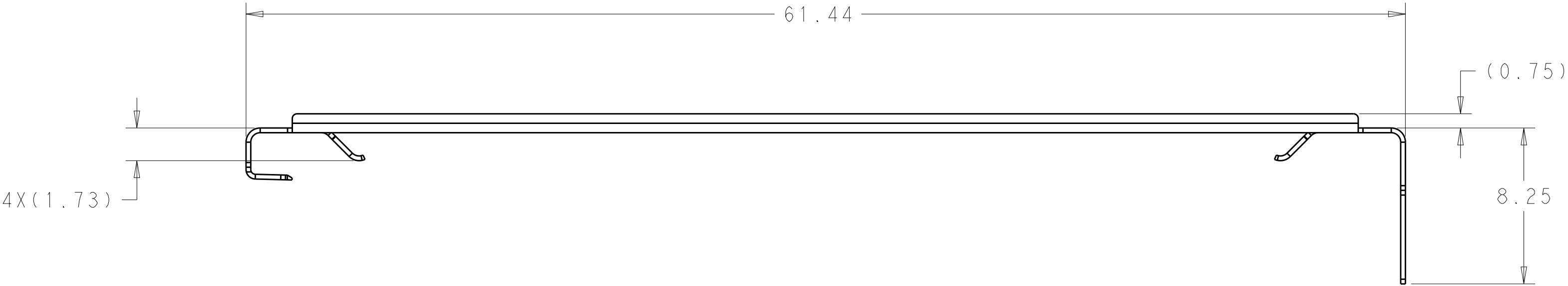


THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	TIM XUE		28JAN2016		 TE Connectivity														
				CHK	SEAN HAN		28JAN2016																
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	SEAN HAN		28JAN2016		NAME	CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS													
				PRODUCT SPEC																			
				APPLICATION SPEC				SIZE			CAGE CODE	DRAWING NO	RESTRICTED TO										
				FINISH										WEIGHT	A1	100779	C=2299870						
MATERIAL		SEE NOTE 2		CUSTOMER DRAWING				SCALE		4:1		SHEET						4		OF		8	

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	-	-	SEE SHEET 1	-	-	-



1-2300832-7, HEAT SINK CLIP
SCALE 5:1



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
TIM XUE
28JAN2016

CHK
SEAN HAN
28JAN2016

APVD
SEAN HAN
28JAN2016

DIMENSIONS:

mm

0 PLC ±

1 PLC ±0.25

2 PLC ±0.15

3 PLC ±

4 PLC ±

ANGLES ±

FINISH ±

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC 108-60102

APPLICATION SPEC 114-60015

WEIGHT -

CUSTOMER DRAWING

NAME

CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS

SIZE

A1

CAGE CODE

00779

DRAWING NO

C=2299870

RESTRICTED TO

-

SCALE

4:1

SHEET

5

OF

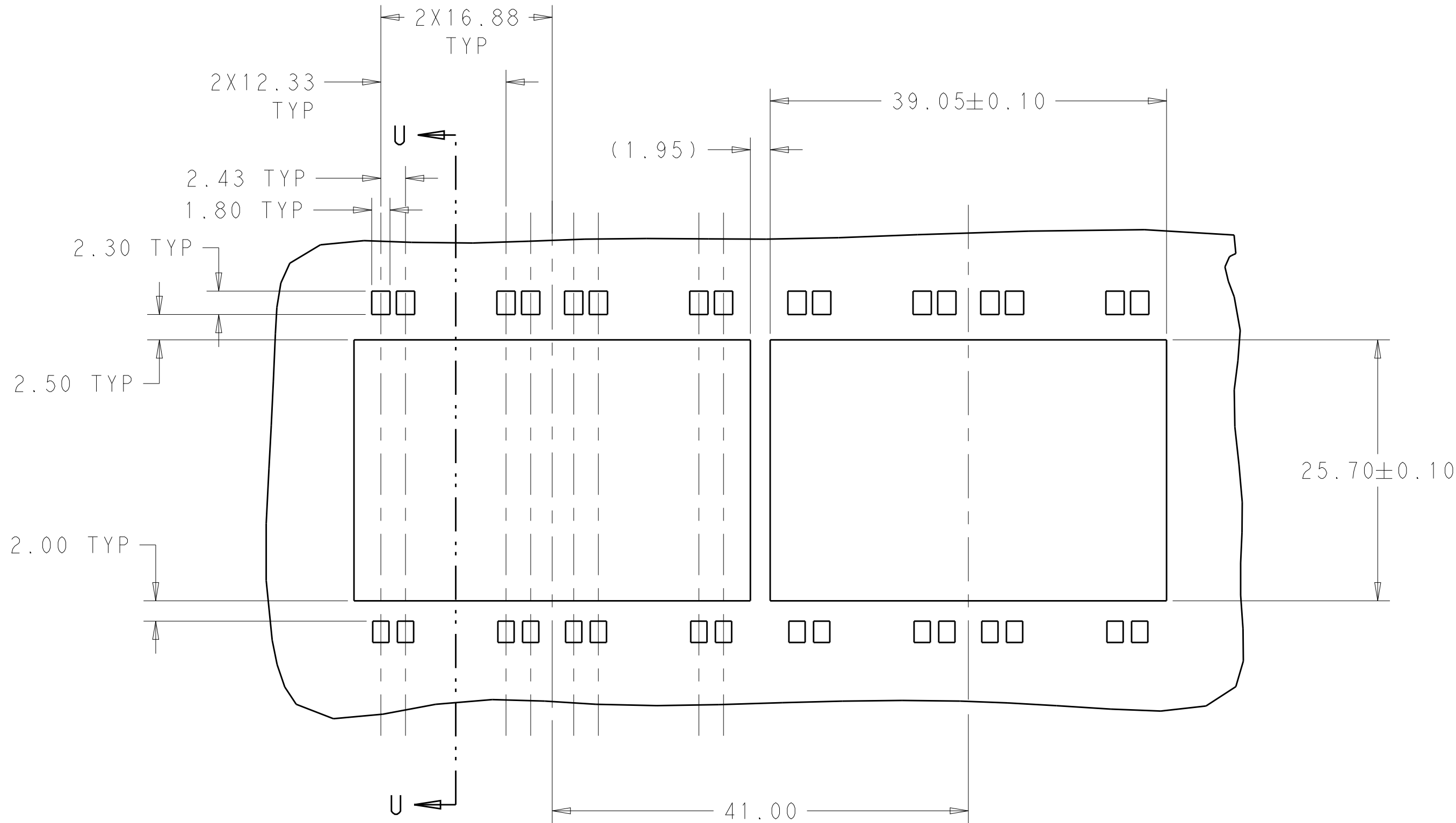
8

REV

B

TE Connectivity

LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-

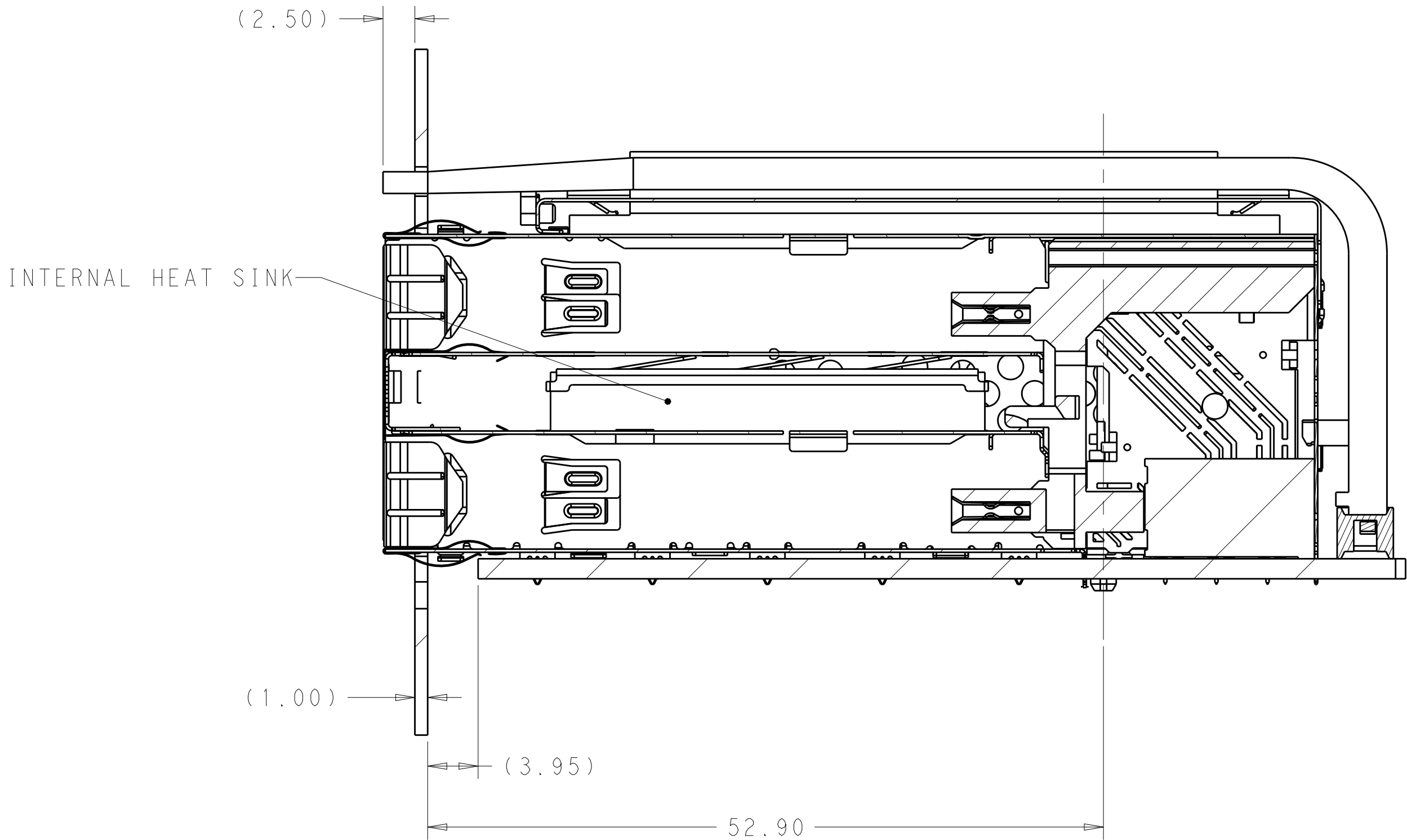


RECOMMENDED PANEL CUTOUT
AND PC BOARD PANEL POSITION
SCALE 5:2

0.10±0.10
BOTTOM OF CUTOUT
IN PANEL TO TOP
OF PC BOARD

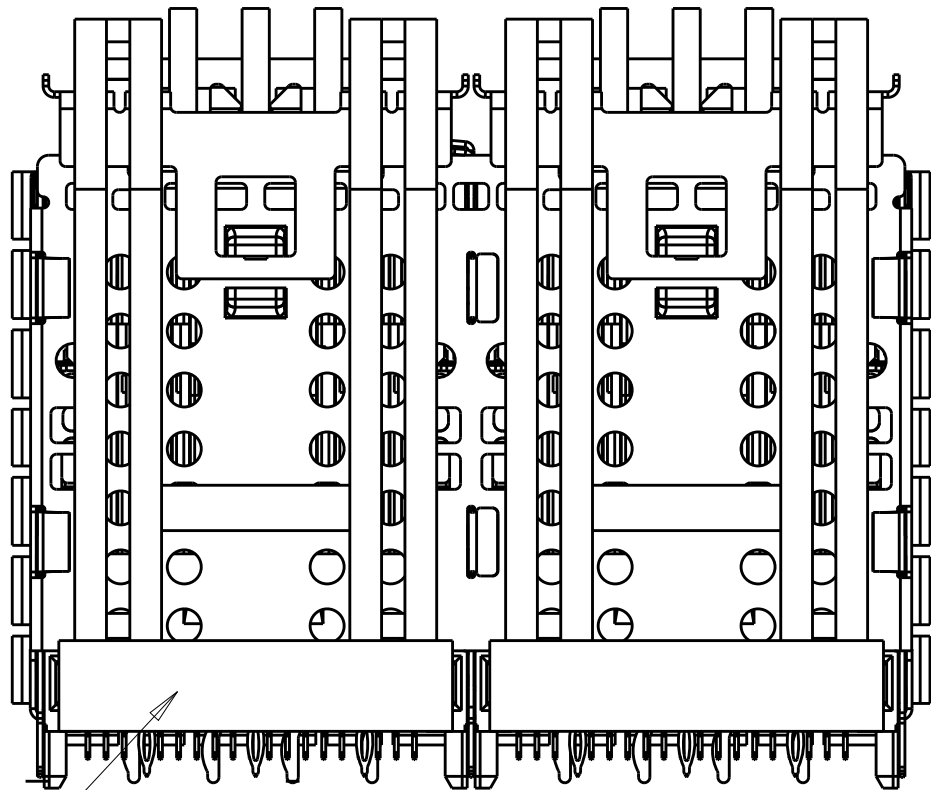
3.95±0.13
DISTANCE BETWEEN BACK
OF PANEL AND FRONT OF
PC BOARD

SECTION U-U

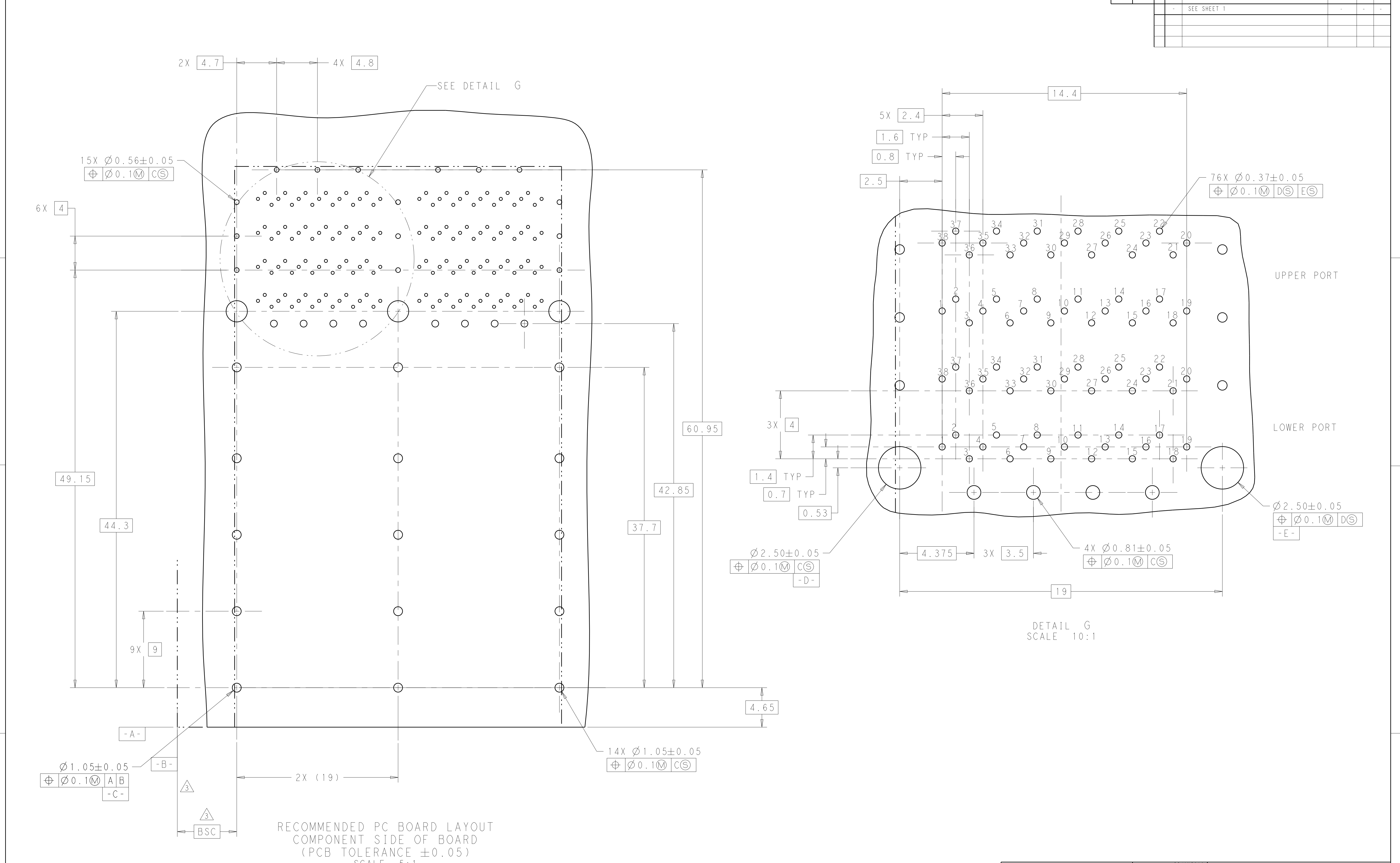


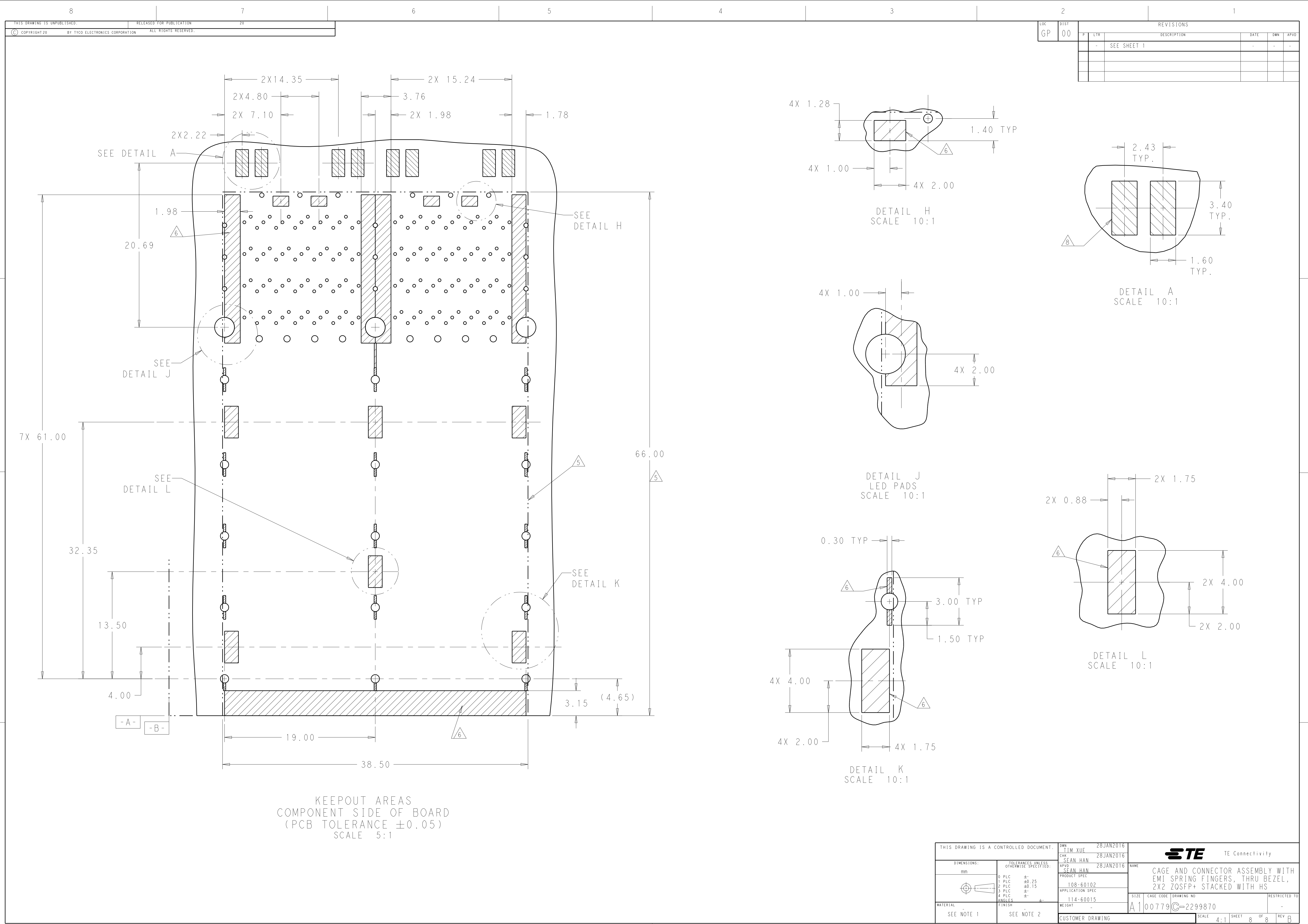
2299870-1 BEZEL LOCATION AS SHOWN
SECTION V-V
SCALE 3:1

ORGNIZER

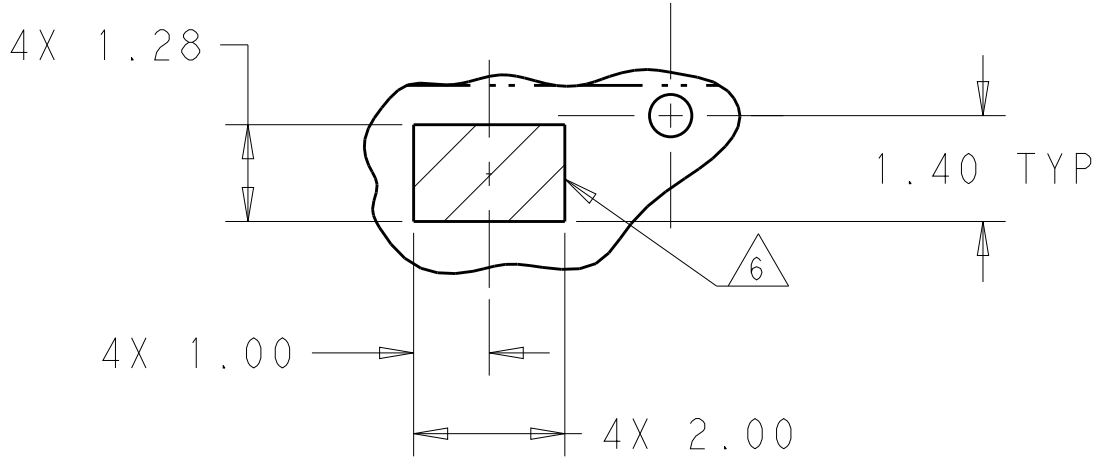


THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	TIM XUE		28JAN2016		 TE Connectivity														
				CHK	SEAN HAN		28JAN2016																
DIMENSIONS:				APVD	SEAN HAN		28JAN2016		NAME		CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS												
mm				TOLERANCES, UNLESS OTHERWISE SPECIFIED:				PRODUCT SPEC															
				0 PLC ±.025				108-60102		APPLICATION SPEC													
				2 PLC ±.15																			
				4 PLC ±.																			
				FINISH																			
MATERIAL				ANGLES				114-60015		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO							
SEE NOTE 1				SEE NOTE 2				WEIGHT		A1		100779		C=2299870		-							
								CUSTOMER DRAWING				SCALE		4:1		SHEET		6 OF 8		REV		B	

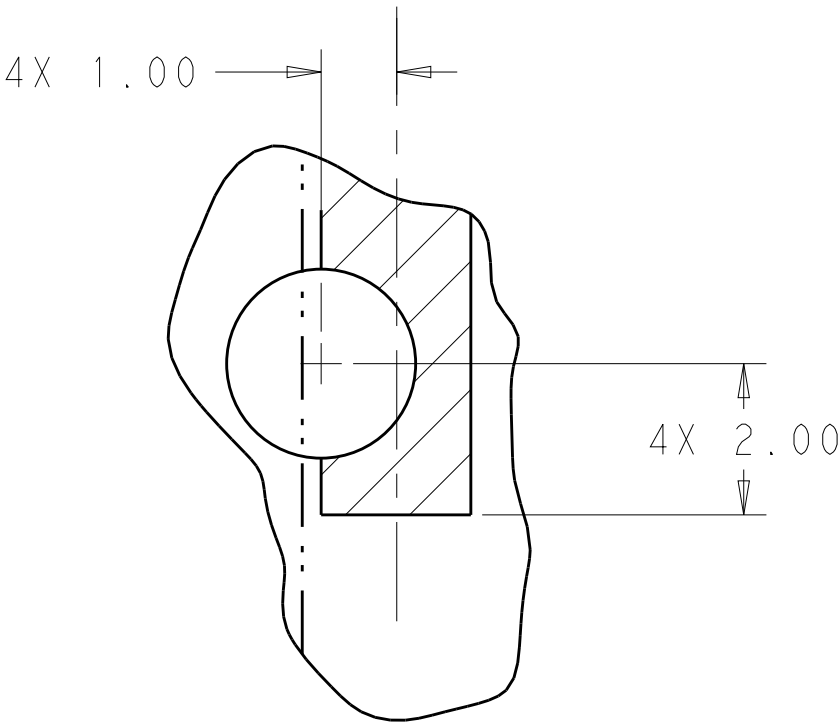




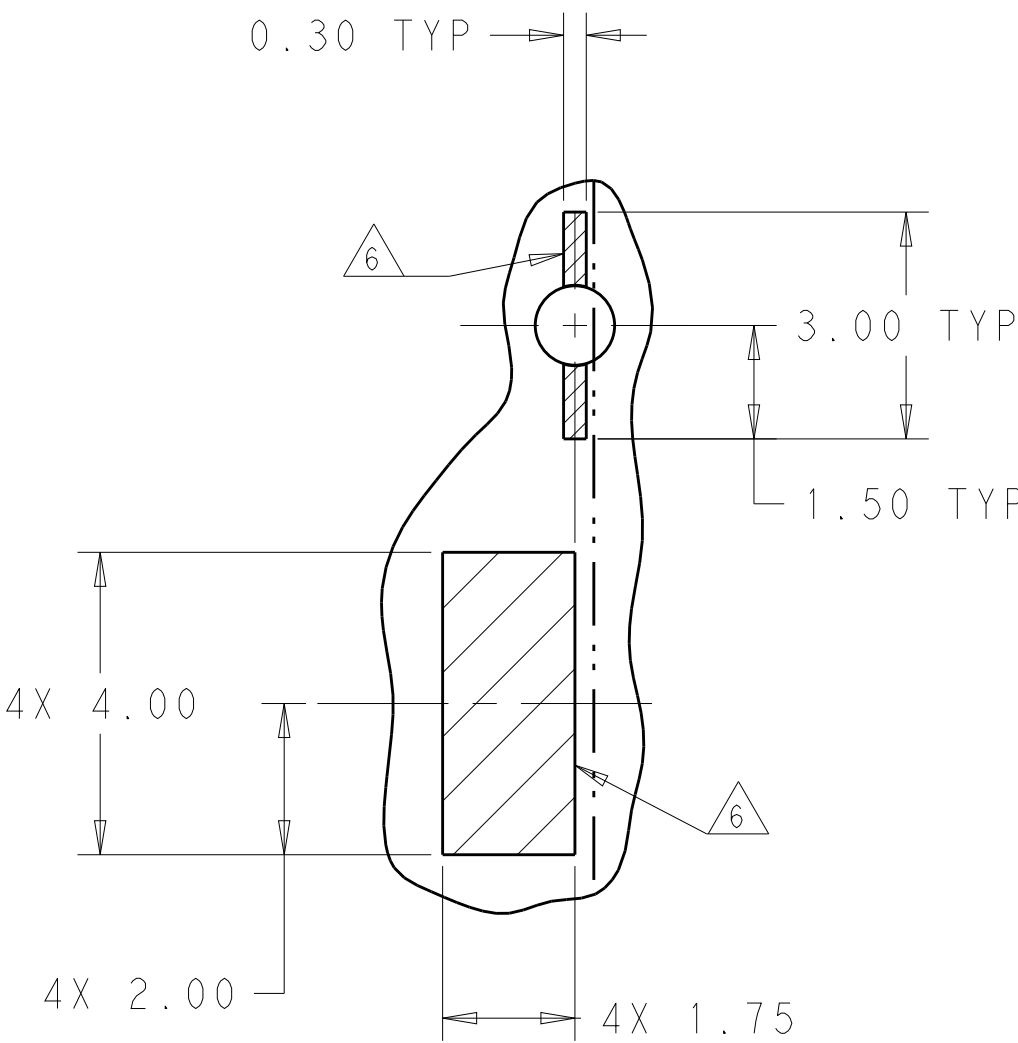
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-



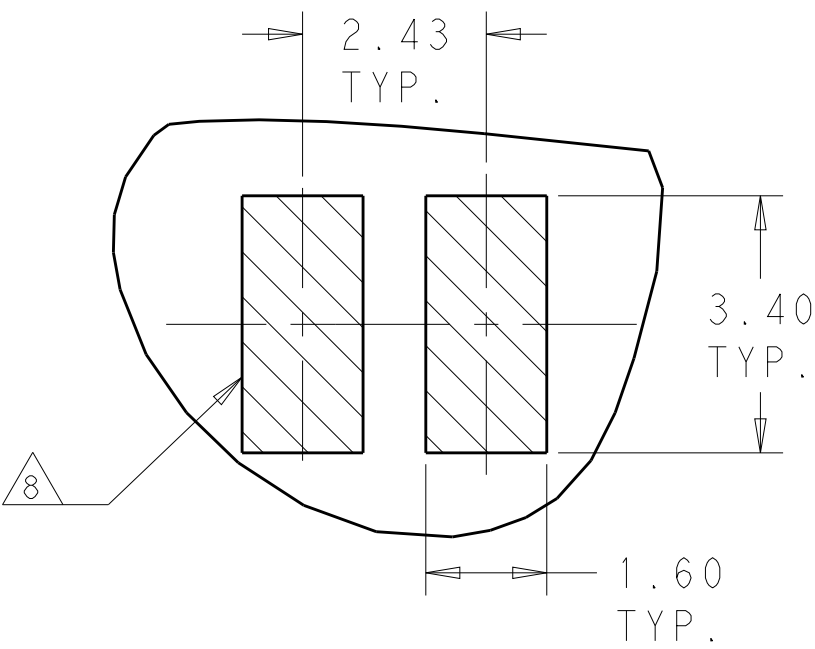
DETAIL H
SCALE 10:1



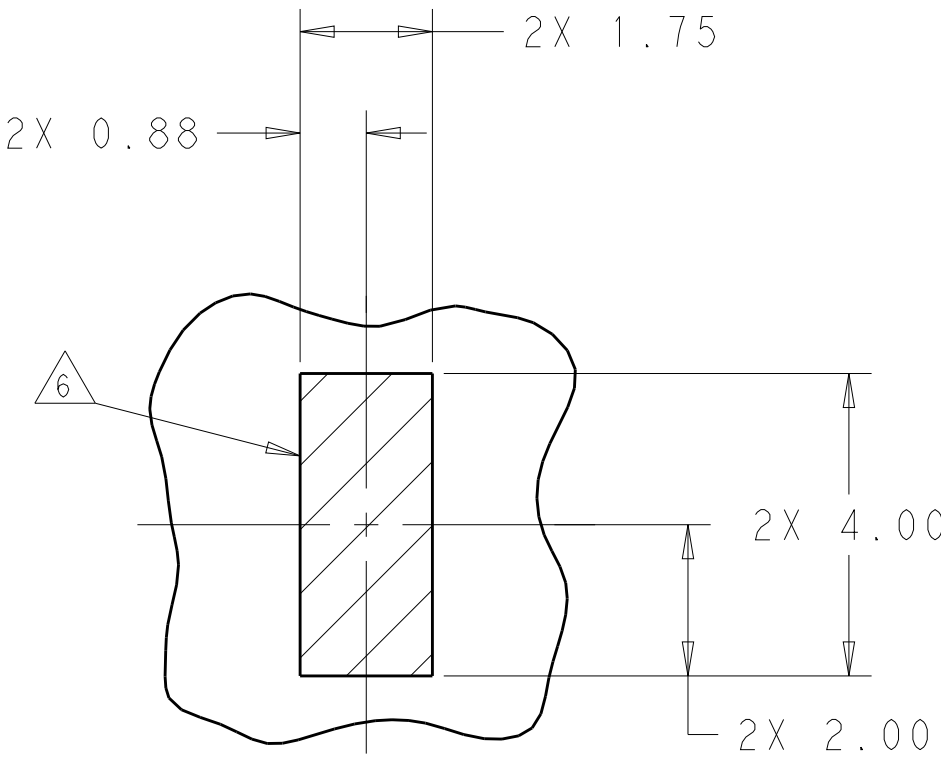
DETAIL J
LED PADS
SCALE 10:1



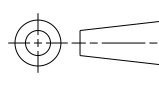
DETAIL K
SCALE 10:1



DETAIL A
SCALE 10:1



DETAIL L
SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE 28JAN2016	 TE Connectivity	
DIMENSIONS:		CHK SEAN HAN 28JAN2016		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD SEAN HAN 28JAN2016	NAME	
	0 PLC	±	CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZOSFP+ STACKED WITH HS	
	1 PLC	±0.25		
	2 PLC	±0.15		
	3 PLC	±		
MATERIAL		FINISH	SIZE	RESTRICTED TO
SEE NOTE 1		SEE NOTE 2	114-60015	A100779C=2299870
CUSTOMER DRAWING		SCALE	4:1	SHEET 8 OF 8 REV B