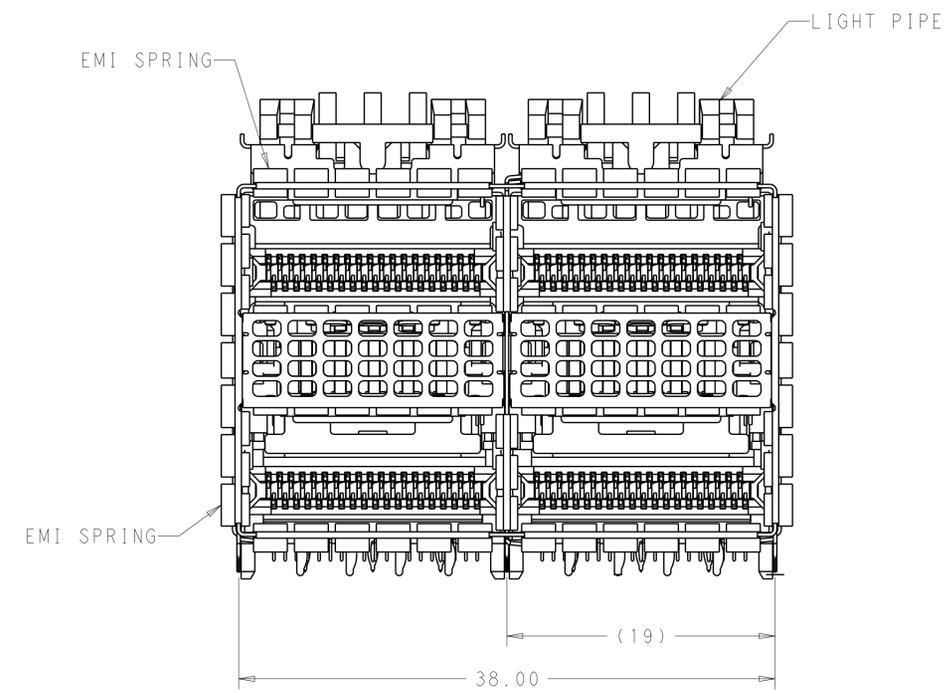
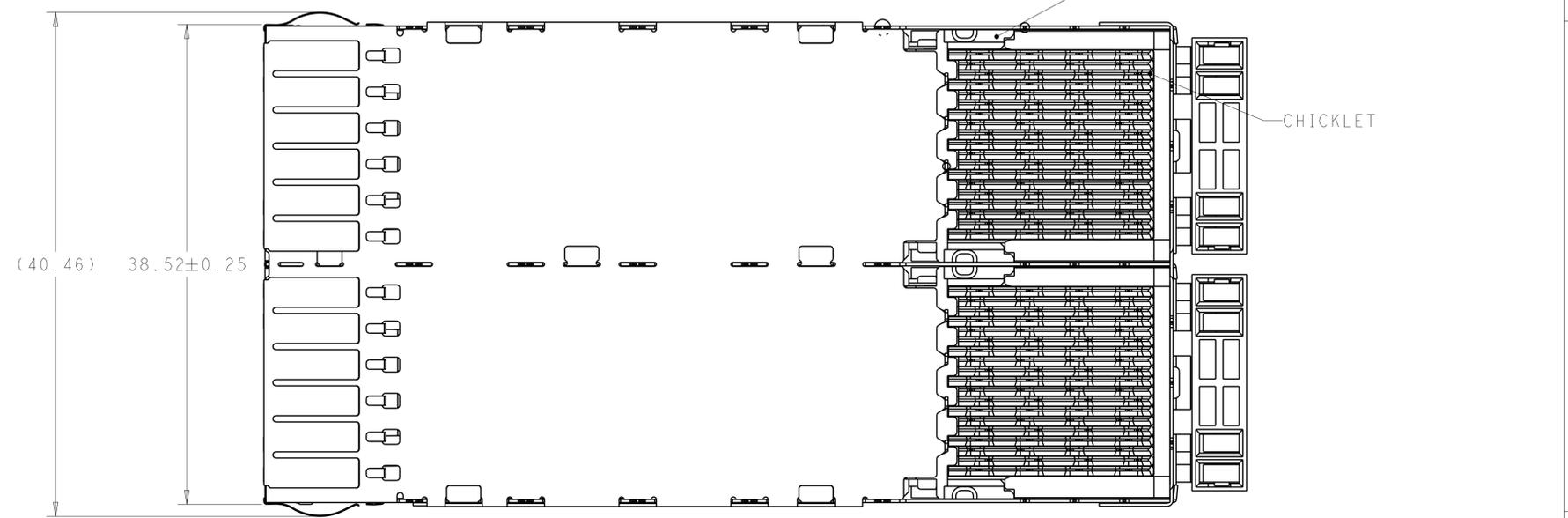
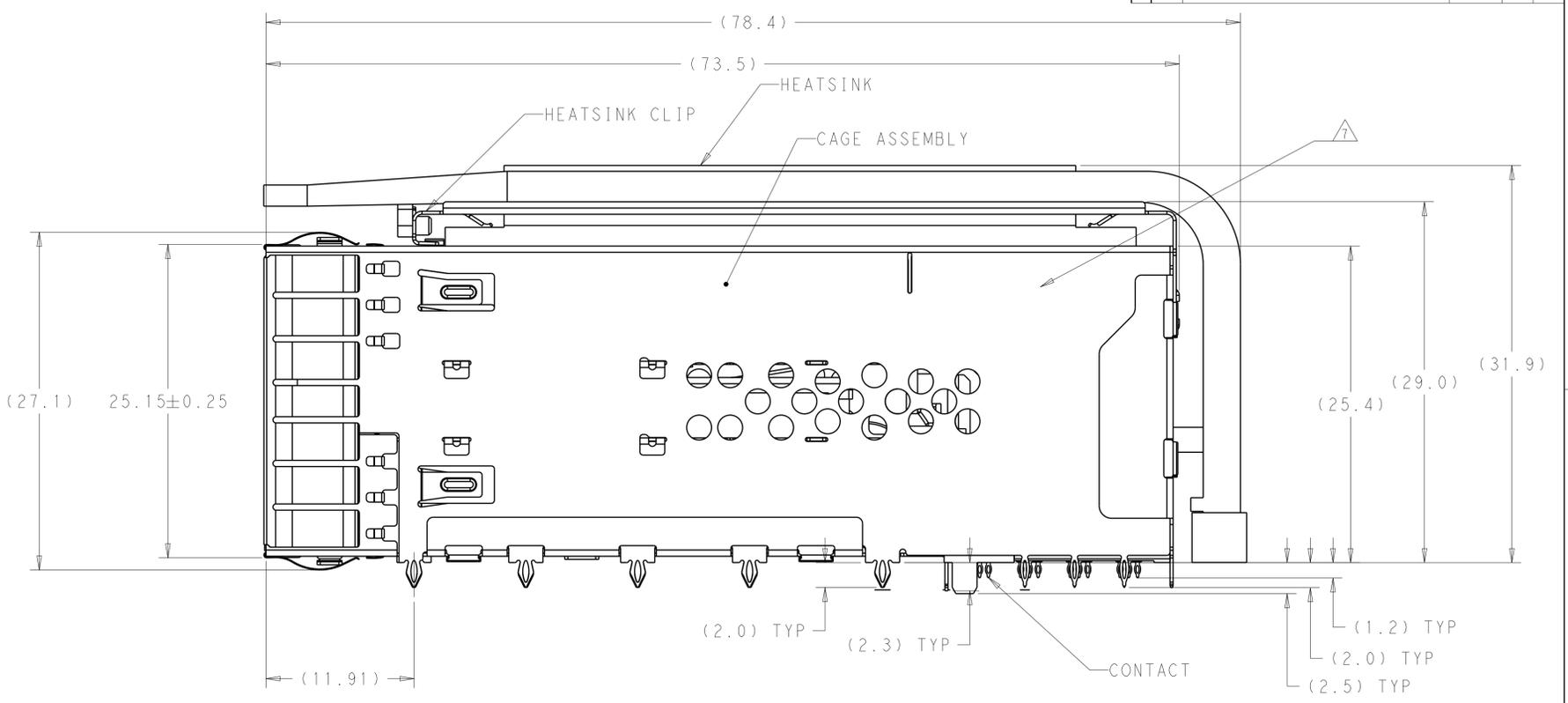


LOC	DIST	REVISIONS					
GP	00	P	LTH	DESCRIPTION	DATE	DWN	APVD
		A		INITIAL RELEASE	13MAR2017	LL	SH
		B		REVISED PER ECO-17-012744	31AUG2017	TX	SH



2299870-1



- 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 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.

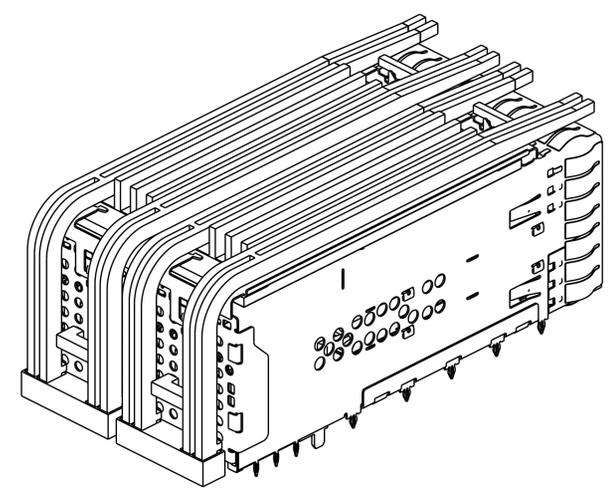
CONTACT FINISH	DESCRIPTION	PART NUMBER
2	WITH HS & WITHOUT LP	2299870-6
2	WITHOUT UPPER HS OR LP	2299870-5
2	WITHOUT UPPER HS OR LP	2299870-4
2	WITH HS & WITHOUT LP	2299870-3
2	WITH HS & WITHOUT LP	2299870-2
2	WITH HS & WITH LP	2299870-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

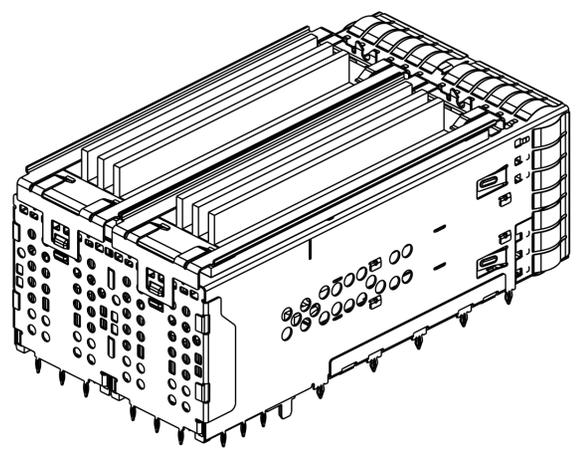
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mm	0 PLC ±	CHK	SEAN HAN	28JAN2016
	1 PLC ±0.25	APPD	SEAN HAN	28JAN2016
	2 PLC ±0.15	NAME	CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS	
	3 PLC ±	PRODUCT SPEC	108-60102	
	4 PLC ±	APPLICATION SPEC	114-60015	
	ANGLES ±	SIZE	A100779	
MATERIAL	FINISH	WEIGHT	C=2299870	
SEE NOTE 1	SEE NOTE 2	CUSTOMER DRAWING	SCALE	4:1 SHEET 1 OF 8 REV B

STC TE Connectivity

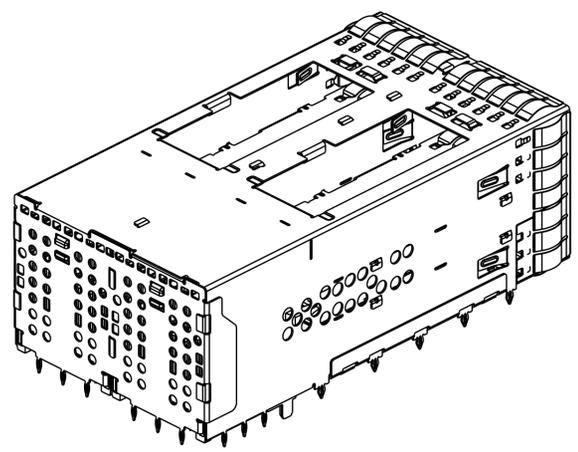
LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	OWN	APVD
GP	00	SEE SHEET 1			



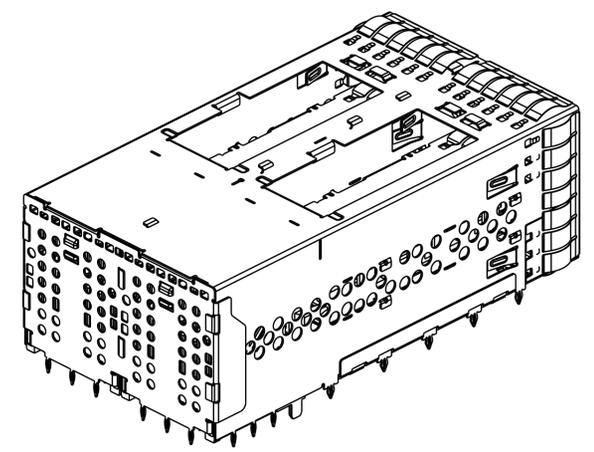
2299870-1 AS SHOWN  
SCALE 2:1



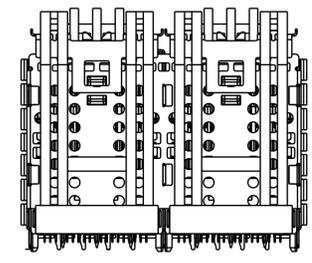
2299870-2 AS SHOWN  
SAME AS 2299870-1 EXCEPT  
W/O LEGHT PIPE AND ORGANIZER  
SCALE 2:1



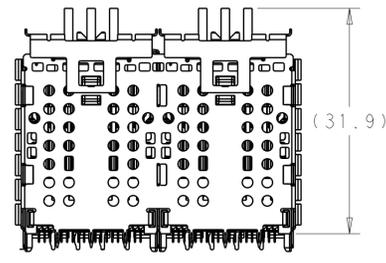
2299870-4 AS SHOWN  
SAME AS 2299870-2 EXCEPT  
W/O EXTERNAL HEAT SINK AND LP  
SCALE 2:1



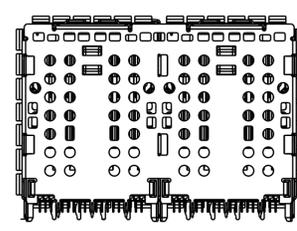
2299870-5  
SCALE 2:1



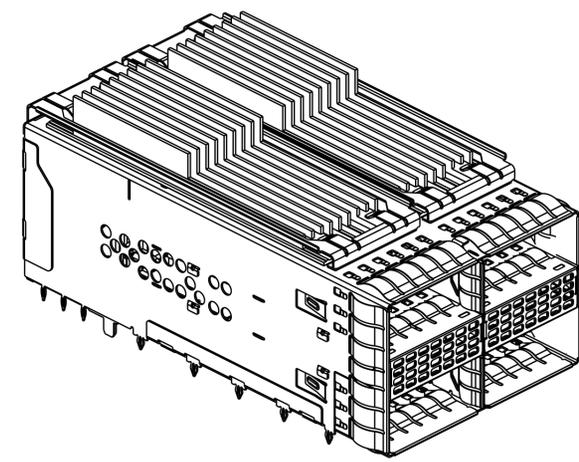
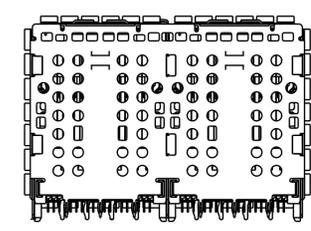
2299870-1  
SCALE 2:1



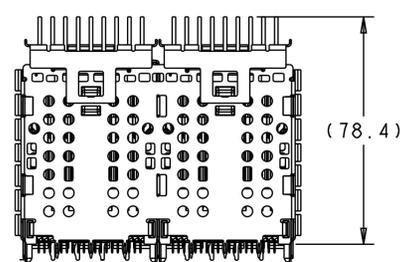
2299870-2  
SCALE 2:1



2299870-4  
SCALE 2:1



2299870-6  
SCALE 2:1

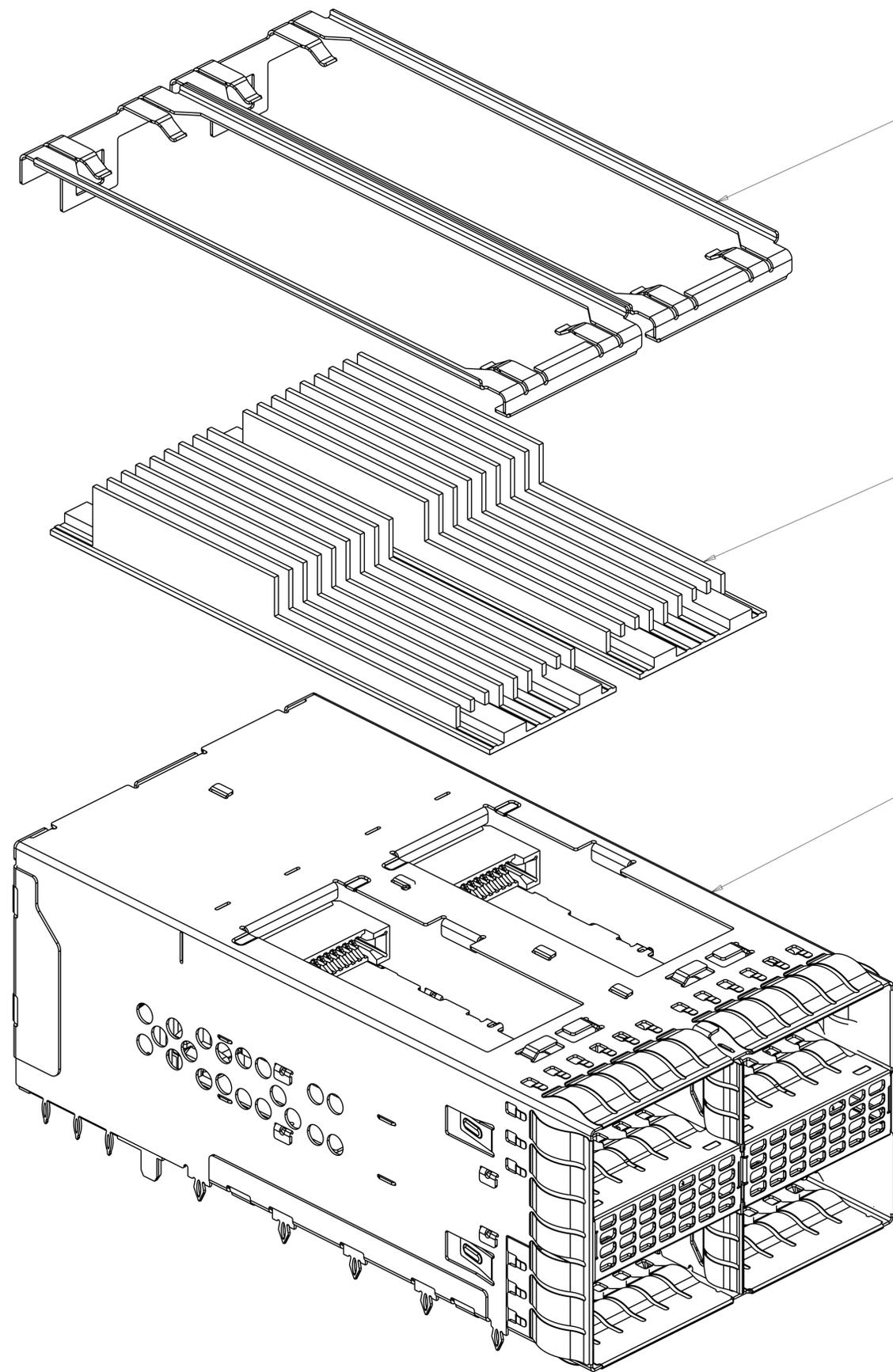


2299870-6  
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: TIM XUE 28JAN2016											
DIMENSIONS: mm		CHK: SEAN HAN 28JAN2016											
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: SEAN HAN 28JAN2016	NAME: CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS										
<table border="1"> <tr><td>0 PLC</td><td>±</td></tr> <tr><td>1 PLC</td><td>±0.25</td></tr> <tr><td>2 PLC</td><td>±0.15</td></tr> <tr><td>3 PLC</td><td>±</td></tr> <tr><td>4 PLC</td><td>±</td></tr> </table>		0 PLC	±	1 PLC	±0.25	2 PLC	±0.15	3 PLC	±	4 PLC	±	PRODUCT SPEC: 108-60102	SIZE: 114-60015
0 PLC	±												
1 PLC	±0.25												
2 PLC	±0.15												
3 PLC	±												
4 PLC	±												
MATERIAL: SEE NOTE 1		APPLICATION SPEC: 114-60015	RESTRICTED TO: A100779C=2299870										
FINISH: SEE NOTE 2		WEIGHT: -	SCALE: 4:1 SHEET 2 OF 8 REV B										
CUSTOMER DRAWING													

LOC	DIST	REVISIONS					
GP	00	P	LYR	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

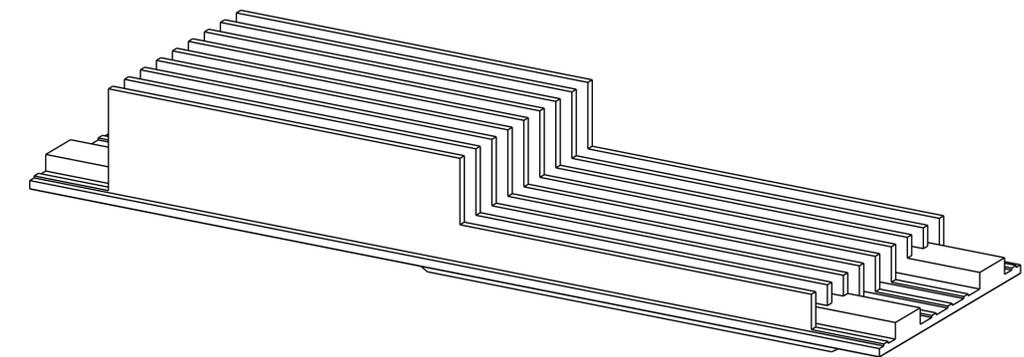
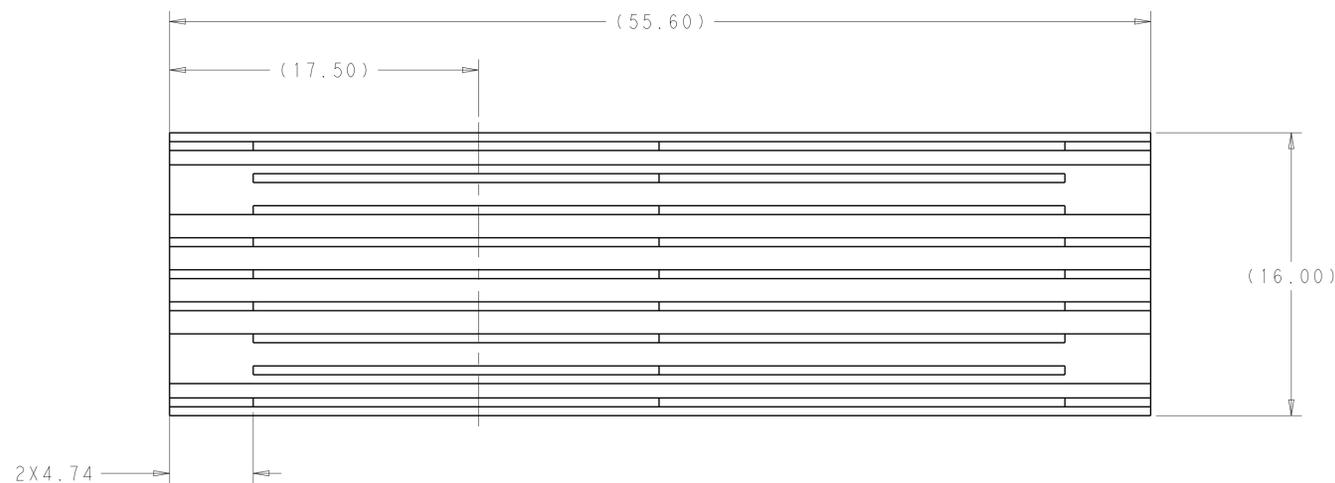
SCALE 4:1

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

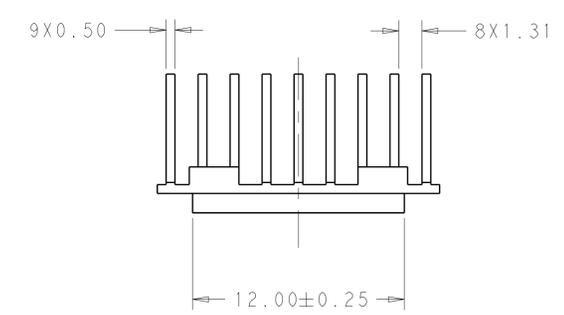
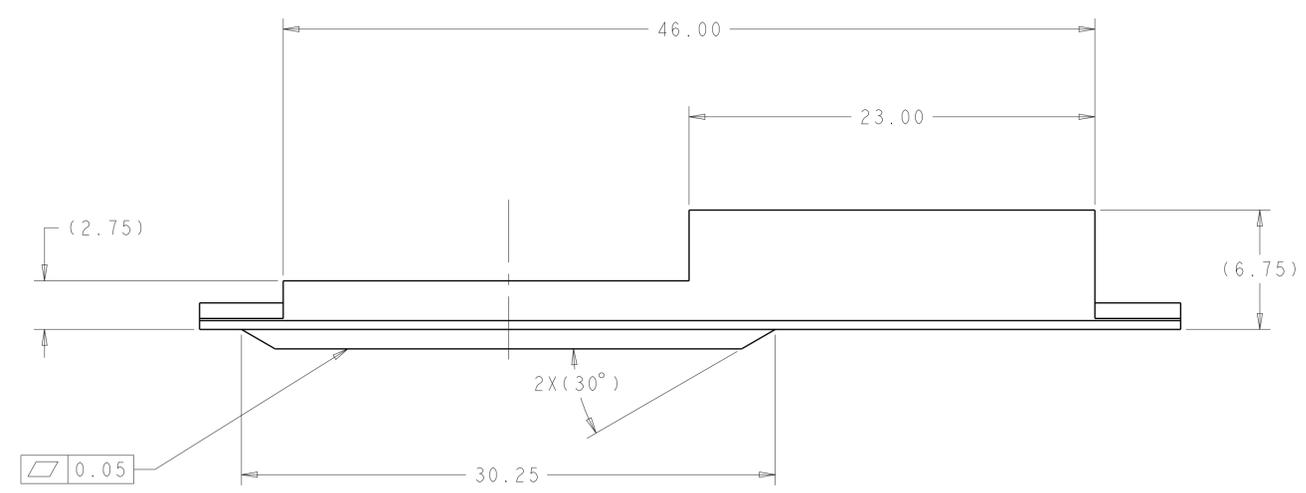
  

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN	TIM XUE	28JAN2016
DIMENSIONS:		CHK	SEAN HAN	28JAN2016
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD	SEAN HAN	28JAN2016
	0 PLC ±	NAME	CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS	
	1 PLC ±0.25	PRODUCT SPEC	108-60102	
	2 PLC ±0.15	APPLICATION SPEC	114-60015	
	3 PLC ±	SIZE	CAGE CODE	DRAWING NO
	4 PLC ±	WEIGHT	A100779	C=2299870
	ANGLES ±	FINISH	CUSTOMER DRAWING	
MATERIAL	SEE NOTE 1	SEE NOTE 2	SCALE	4:1
		SHEET		3 OF 8
		REV		B

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
-	-	SEE SHEET 1	-	-	-

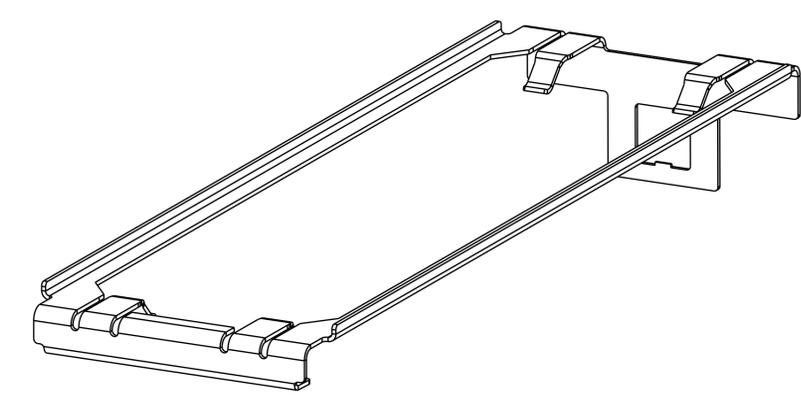
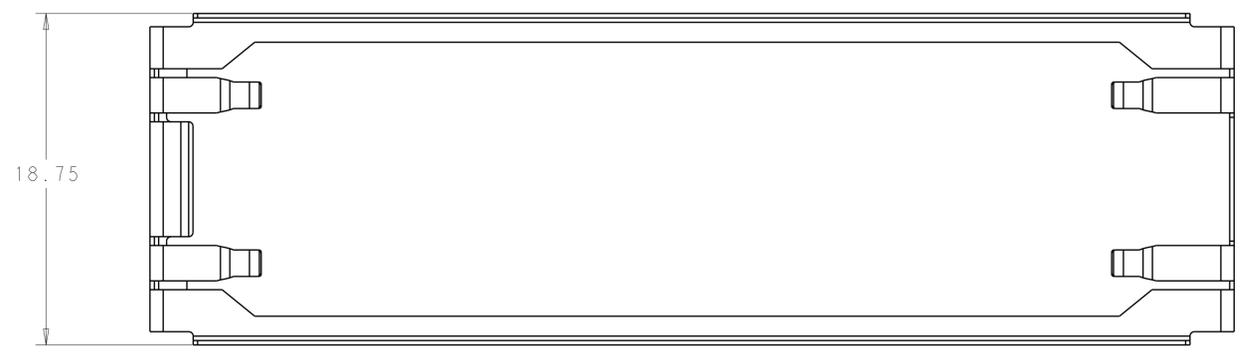


1-2304280-3 HEAT SINK SHOWN  
SCALE 5:1

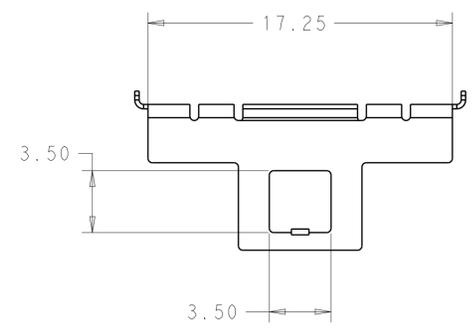
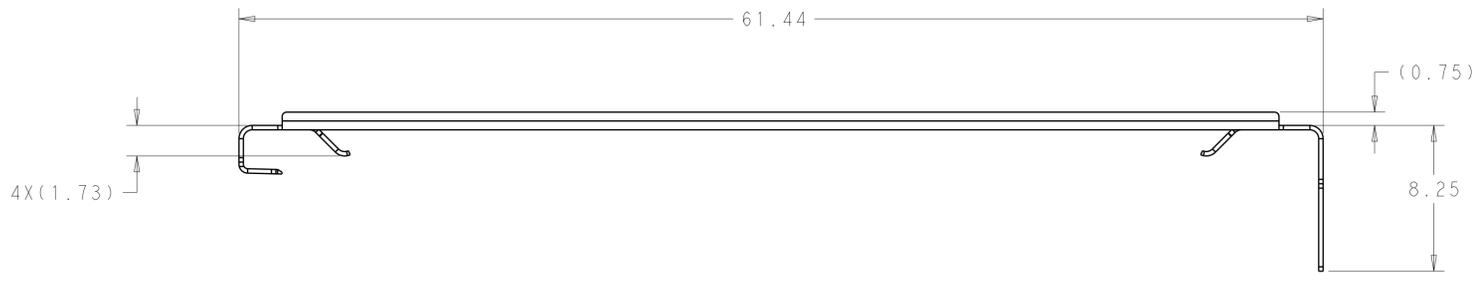


THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN TIM XUE 28JAN2016	TE Connectivity
DIMENSIONS: mm		CHK SEAN HAN 28JAN2016	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SEAN HAN 28JAN2016	NAME CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS
0 PLC ±	1 PLC ±0.25	PRODUCT SPEC	SIZE A100779
2 PLC ±0.15	3 PLC ±	APPLICATION SPEC	CAGE CODE C=2299870
4 PLC ±	ANGLES ±	114-60015	DRAWING NO 2299870
MATERIAL SEE NOTE 1	FINISH SEE NOTE 2	WEIGHT -	RESTRICTED TO -
CUSTOMER DRAWING		SCALE 4:1	SHEET 4 OF 8
		REV B	

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
GP	00	SEE SHEET 1	-	-	-

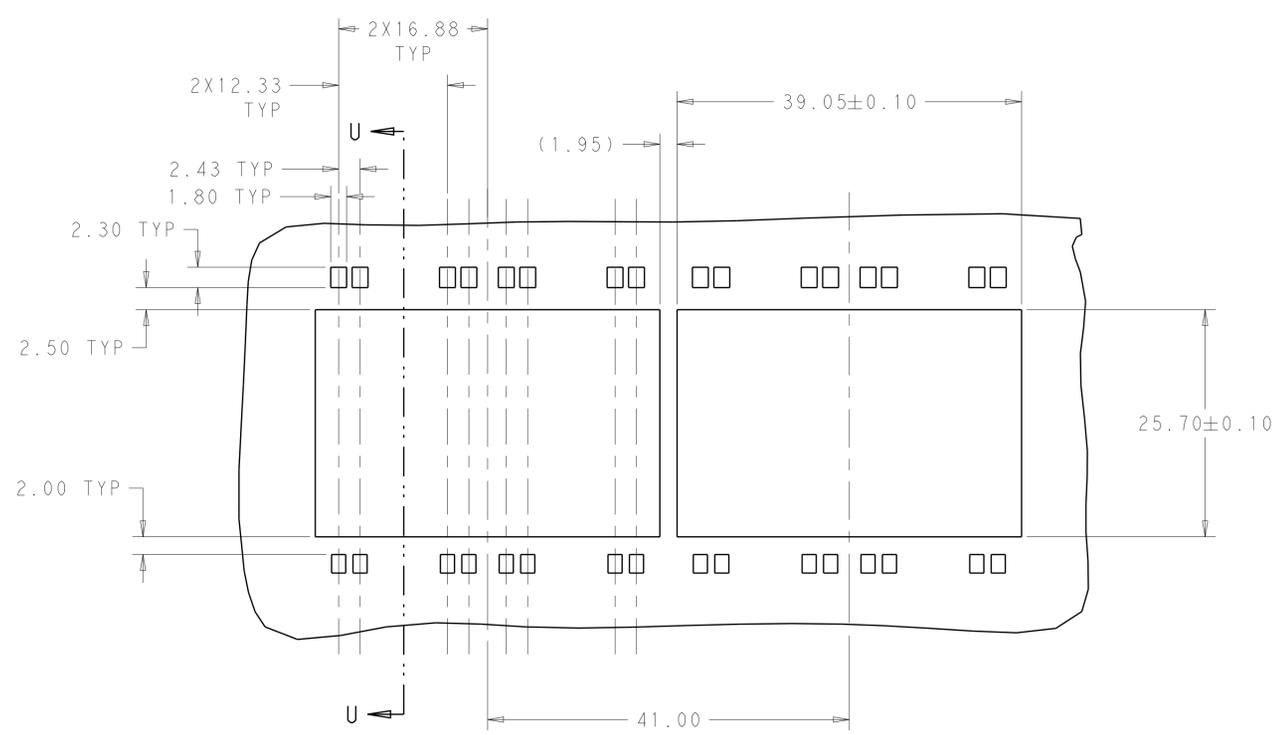


1-2300832-7, HEAT SINK CLIP  
 SCALE 5:1

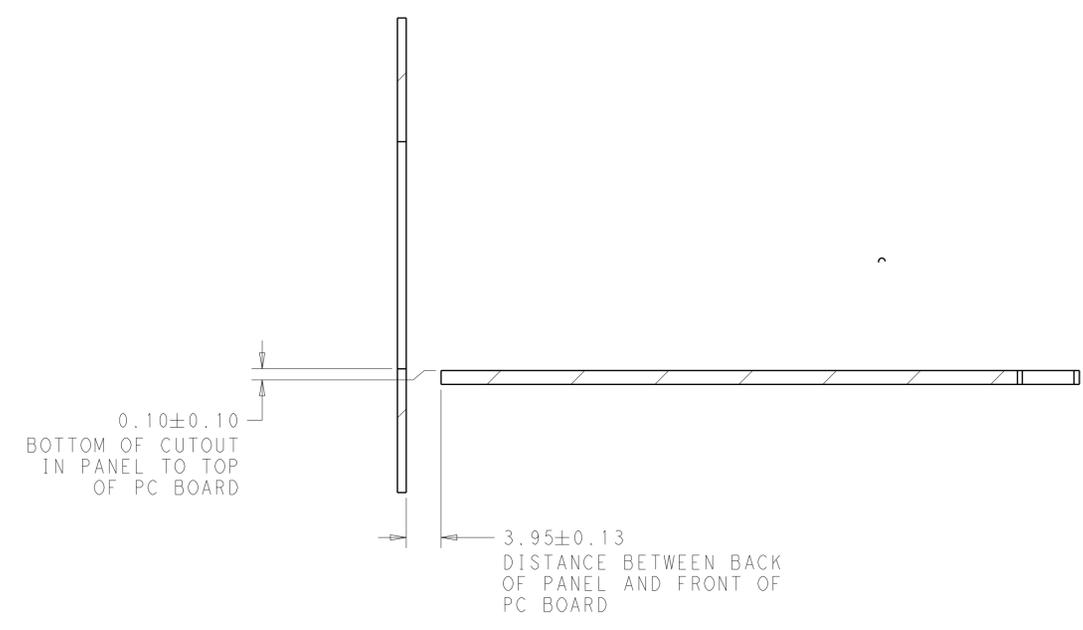


THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN TIM XUE 28JAN2016	
DIMENSIONS: mm		CHK SEAN HAN 28JAN2016	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SEAN HAN 28JAN2016	NAME CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS
0 PLC ±	1 PLC ±0.25	PRODUCT SPEC	108-60102
2 PLC ±0.15	3 PLC ±	APPLICATION SPEC	114-60015
4 PLC ±	ANGLES ±	SIZE	A100779
MATERIAL SEE NOTE 1	FINISH SEE NOTE 2	WEIGHT	C=2299870
CUSTOMER DRAWING		SCALE	4:1
		SHEET	5 OF 8
		REV	B

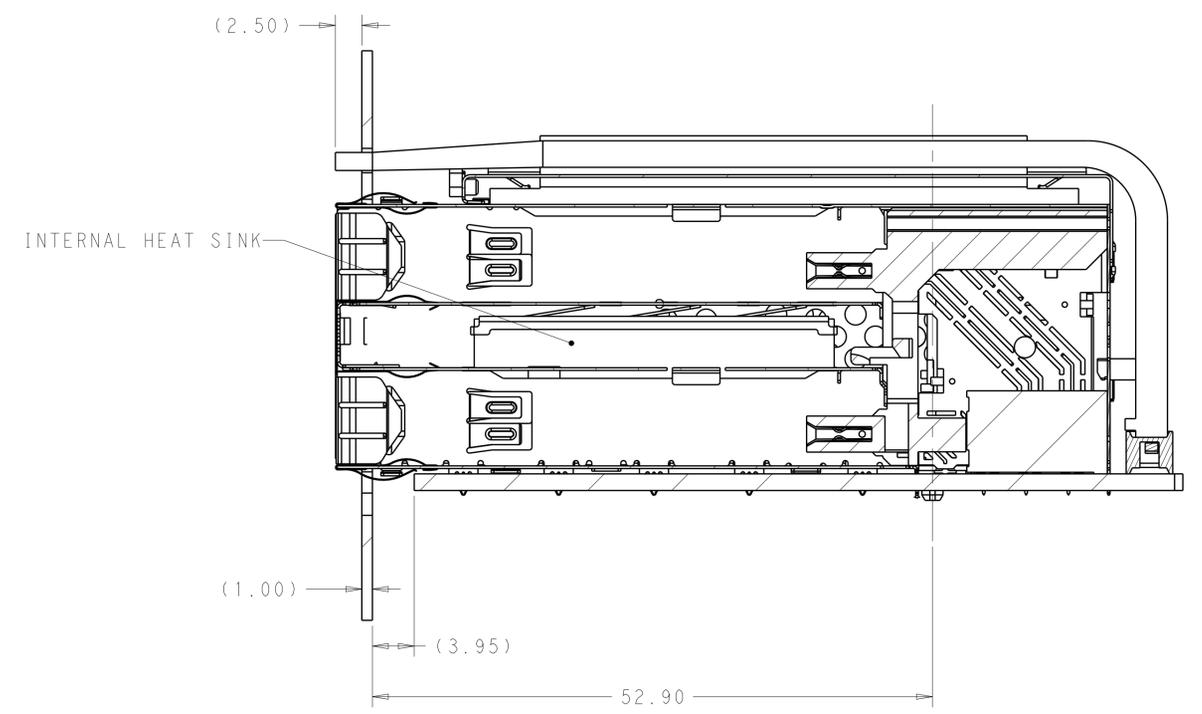
LOC		DIST		REVISIONS				
P	LTN	DATE	DMN	APVD	DESCRIPTION	DATE	DMN	APVD
-	-	-	-	-	SEE SHEET 1	-	-	-



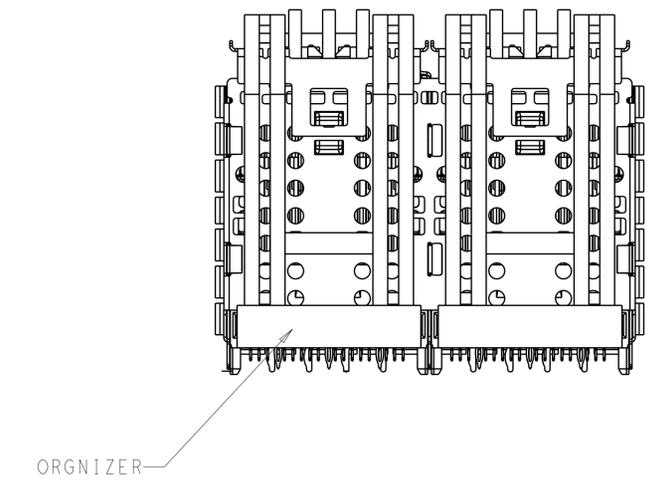
RECOMMENDED PANEL CUTOUT  
 AND PC BOARD PANEL POSITION  
 SCALE 5:2



SECTION U-U



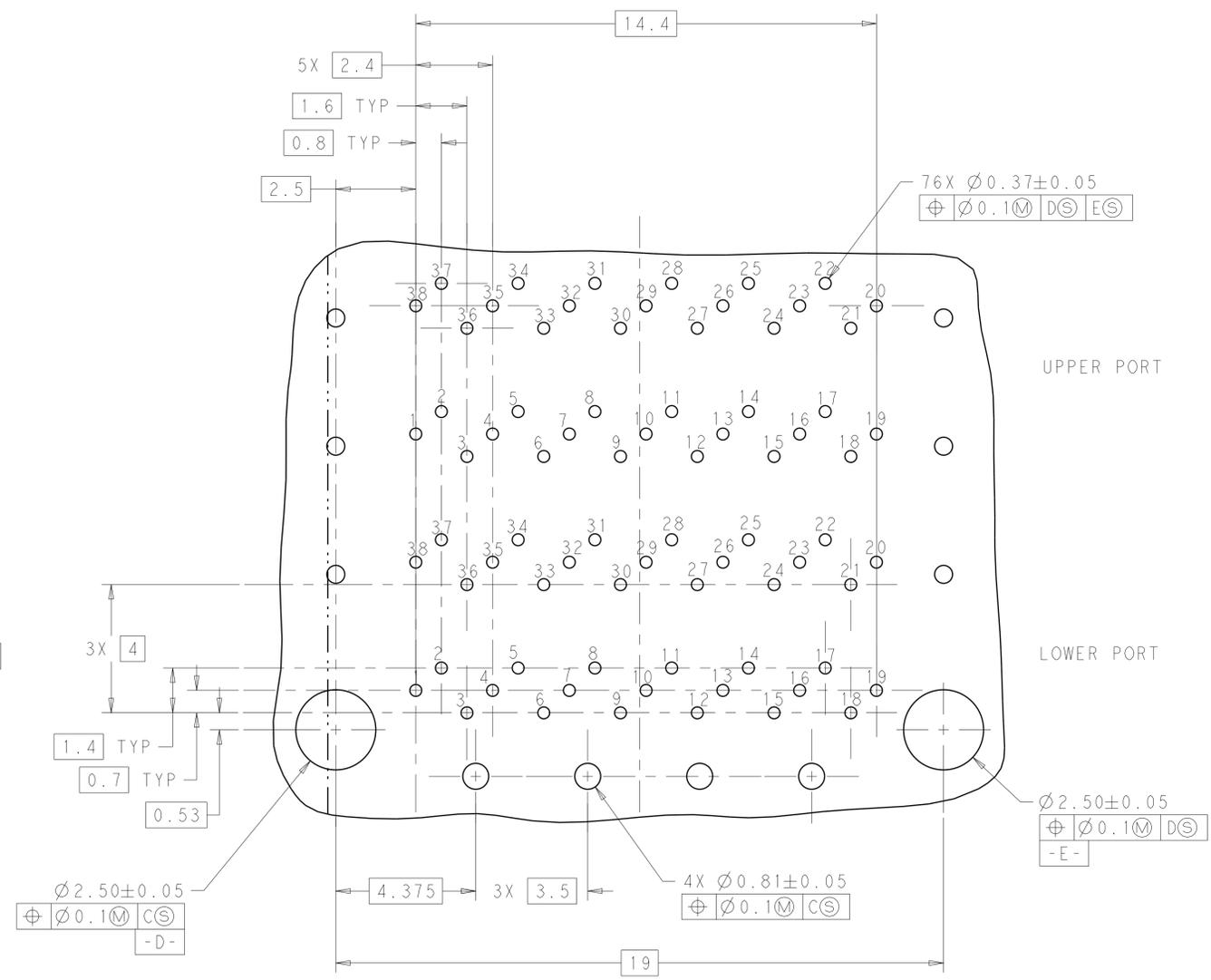
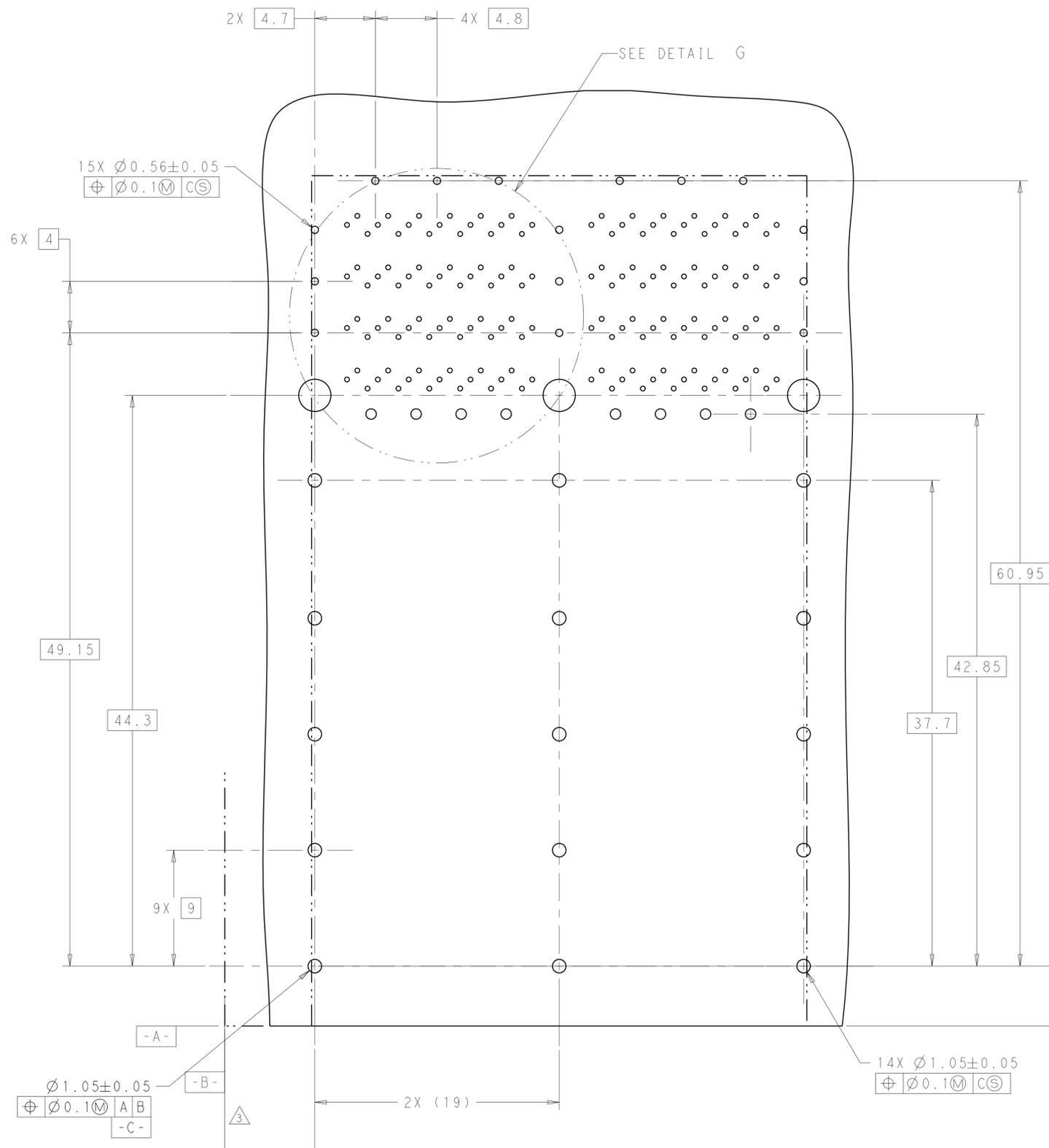
2299870-1 BEZEL LOCATION AS SHOWN  
 SECTION V-V  
 SCALE 3:1



ORGNIZER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN TIM XUE 28JAN2016	TE Connectivity	
DIMENSIONS:		CHK SEAN HAN 28JAN2016		
mm		APVD SEAN HAN 28JAN2016		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS	
0 PLC ±		PRODUCT SPEC	108-60102	
1 PLC ±0.25		APPLICATION SPEC	114-60015	
2 PLC ±0.15		SIZE	A100779C=2299870	
3 PLC ±		RESTRICTED TO	CUSTOMER DRAWING	
4 PLC ±		SCALE	4:1	
ANGLES ±		SHEET	6 OF 8	
FINISH		REV	B	
SEE NOTE 1		SEE NOTE 2		

LOC	DIST	REVISIONS			
GP	00	REV	DATE	BY	APPD
		1	SEE SHEET 1		

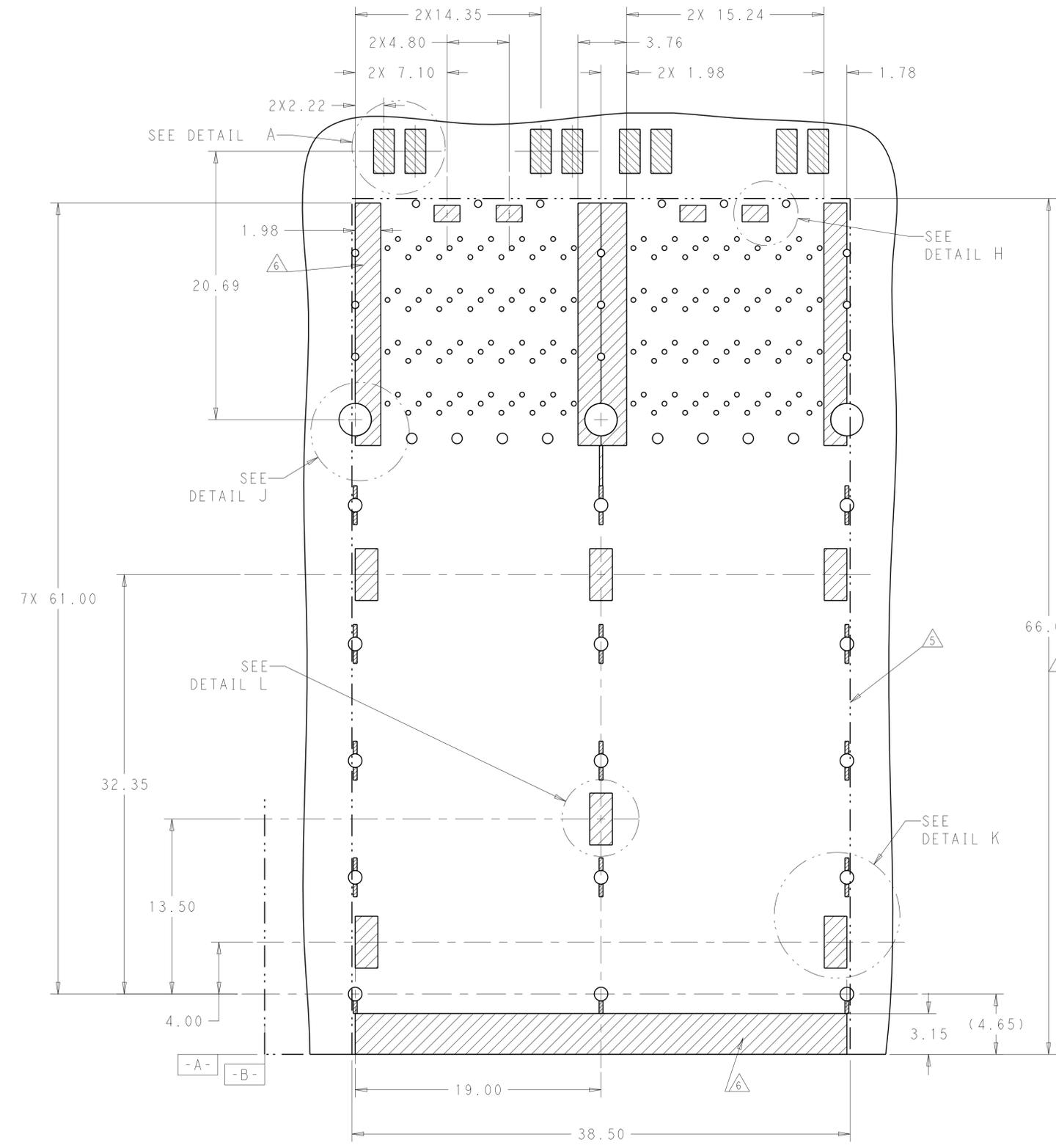


DETAIL G  
SCALE 10:1

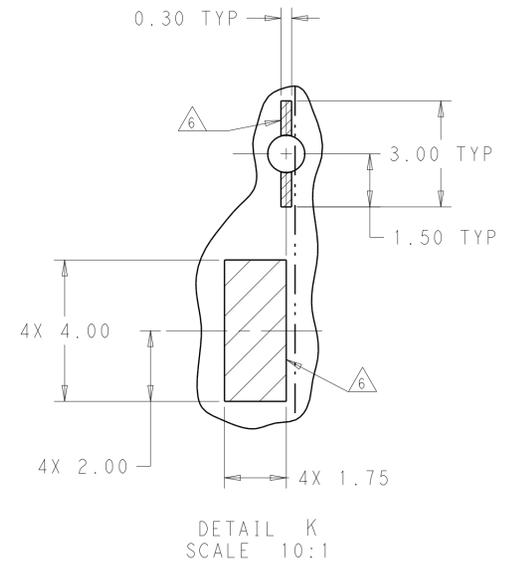
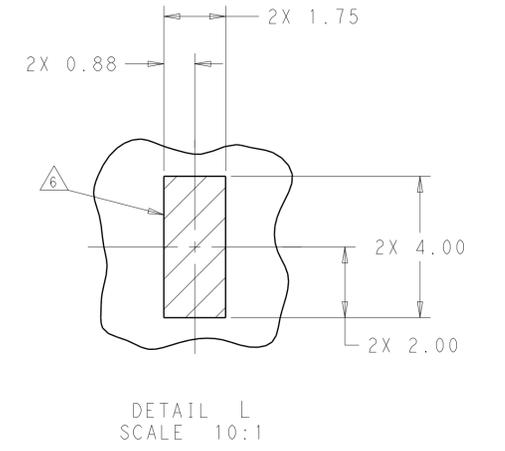
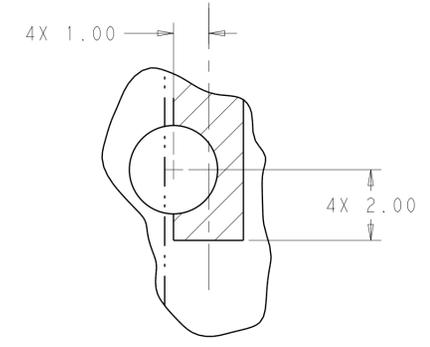
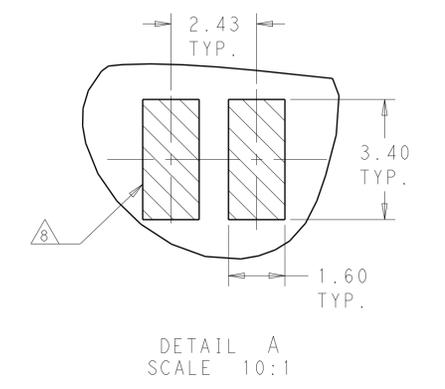
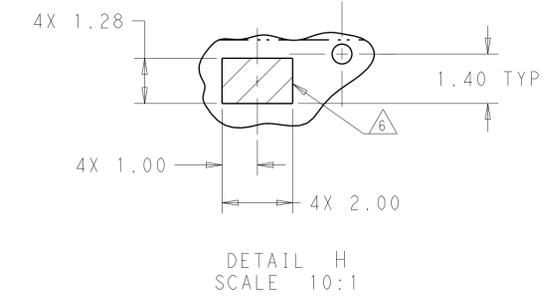
RECOMMENDED PC BOARD LAYOUT  
 COMPONENT SIDE OF BOARD  
 (PCB TOLERANCE ±0.05)  
 SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: TIM XUE 28JAN2016	TE Connectivity
DIMENSIONS: mm		CHK: SEAN HAN 28JAN2016	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPD: SEAN HAN 28JAN2016	
0 PLC ± 1 PLC ±0.25 2 PLC ±0.15 3 PLC ± 4 PLC ± ANGLES ±		NAME: CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS	
MATERIAL: SEE NOTE 1	FINISH: SEE NOTE 2	PRODUCT SPEC: 108-60102	SIZE: A1
CUSTOMER DRAWING		APPLICATION SPEC: 114-60015	CAGE CODE: 100779
		WEIGHT: -	DRAWING NO: C=2299870
		SCALE: 4:1	SHEET 7 OF 8
			REV B

LOC	DIST	REV	DATE	BY	APPD
GP	00				



KEEPOUT AREAS  
 COMPONENT SIDE OF BOARD  
 (PCB TOLERANCE ±0.05)  
 SCALE 5:1



THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: TIM XUE 28JAN2016	TE Connectivity	
DIMENSIONS: mm		CHK: SEAN HAN 28JAN2016		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPD: SEAN HAN 28JAN2016	NAME: CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSF+ STACKED WITH HS PRODUCT SPEC: 108-60102 APPLICATION SPEC: 114-60015 SIZE: 114-60015 WEIGHT: - CAGE CODE: A100779 DRAWING NO: C=2299870	
0 PLC ±0.25 1 PLC ±0.15 2 PLC ±0.15 3 PLC ±0.15 4 PLC ±0.15 ANGLES ±0.15		RESTRICTED TO:		
MATERIAL: SEE NOTE 1		FINISH: SEE NOTE 2		SCALE: 4:1
CUSTOMER DRAWING		DATE: 28JAN2016		SHEET: 8 OF 8