

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
9		REVISED	18SEP2013	BL	AC
10		REVISED	20NOV2013	BL	JY
11		ADD 2170207-4	6MAY2015	RG	SH

NOTES,UNLESS OTHERWISE SPECIFIED:

△1 MATERIAL:
TOP CAGE: NICKEL SILVER,0.25MM THICK
BOTTOM CAGE: STAINLESS STEEL, 0.25MM THICK
HEAT SINK: ALUMINUM
HEAT SINK CLIP: STAINLESS STEEL
EMI SPRING: COPPER ALLOY
GASKET RETENTION PLATE: STAINLESS STEEL
EMI GASKET: CONDUCTIVE RUBBER, UL 94V-0 RATED.

△2 PITCH BETWEEN PORTS OF ONE 1X6 CAGE ASSEMBLY.

△3 SPACING BETWEEN CAGES ON THE SAME PC BOARD,
TO BE SPECIFIED BY CUSTOMER, MUST COMPLY WITH
MINIMUM DIMENSIONS SHOWN.

△4 REFERENCE APPLICATION SPEC 114-13217 FOR
RECOMMENDED DRILL HOLE DIAMETER AND PLATING
THICKNESS.

△5 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY
CUSTOMER.

△6 DIMENSION F IS THE NOMINAL THICKNESS OF CUSTOMER
SUPPLIED PC BOARD,
SINGLE SIDED PC BOARD MIN THICKNESS:1.45MM.
DOUBLE SIDED PC BOARD MIN THICKNESS:3.0MM.

△7 HEAT SINKS AND CLIP SHIPPED
ASSEMBLED TO CAGE ASSEMBLY.

△8 DATUM -A- IS TOP SURFACE OF PC BOARD.

△9 DIMENSION APPLIES WITH MODULE INSERTED IN CAGE.

△10 UNPLATED THRU HOLES

△11 MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.

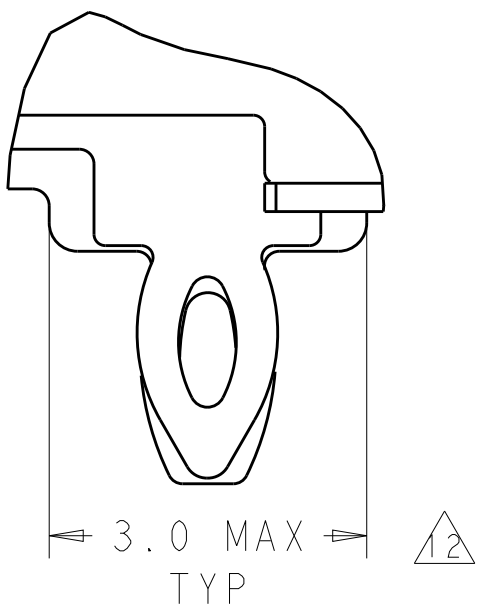
△12 SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE
CAGE STANDOFFS, SHOWN IN DETAIL S , CONTACT PC BOARD.

△13 BASELINE FOR THESE DIMENSIONS IS THE CENTER OF
COMPLIANT PIN HOLE.

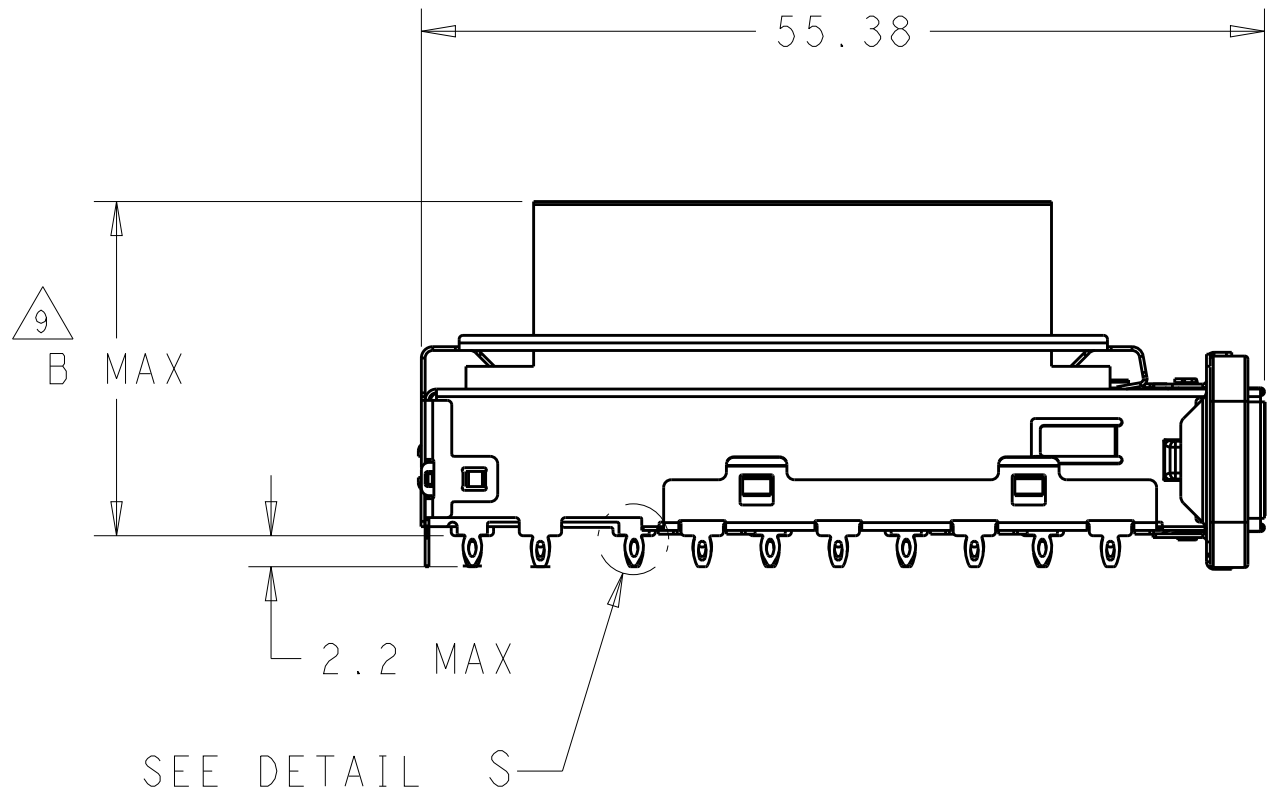
△14 DATE CODE (YYWWD) MARKED ON TOP OF CAGE AND
CONCEALED BY HEAT SINKS APPLIES TO CAGE ASSEMBLY ONLY.

△15 REFERENCE APP SPEC 114-13217 FOR GASKET THICKNESS
CALCULATION.

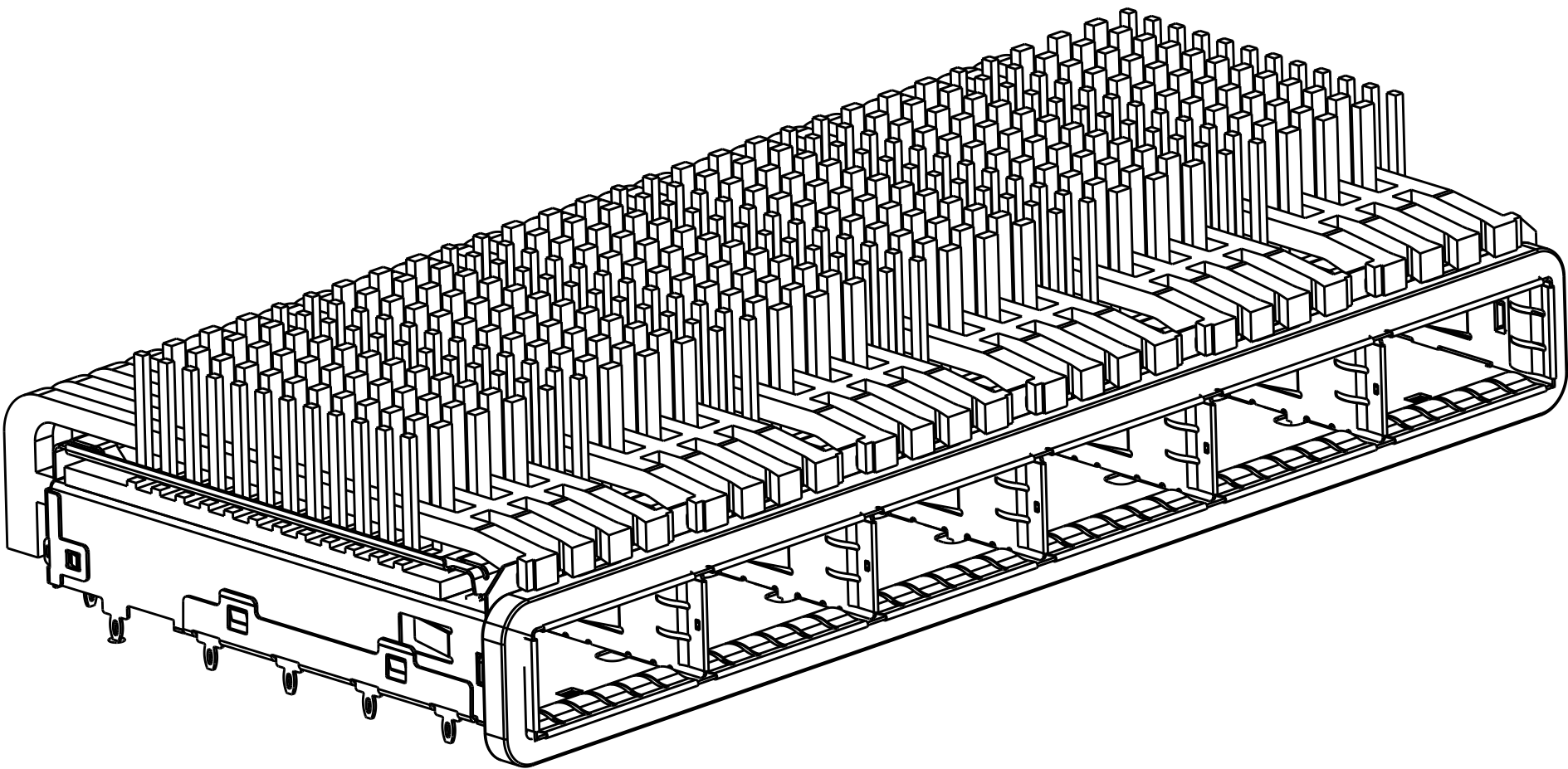
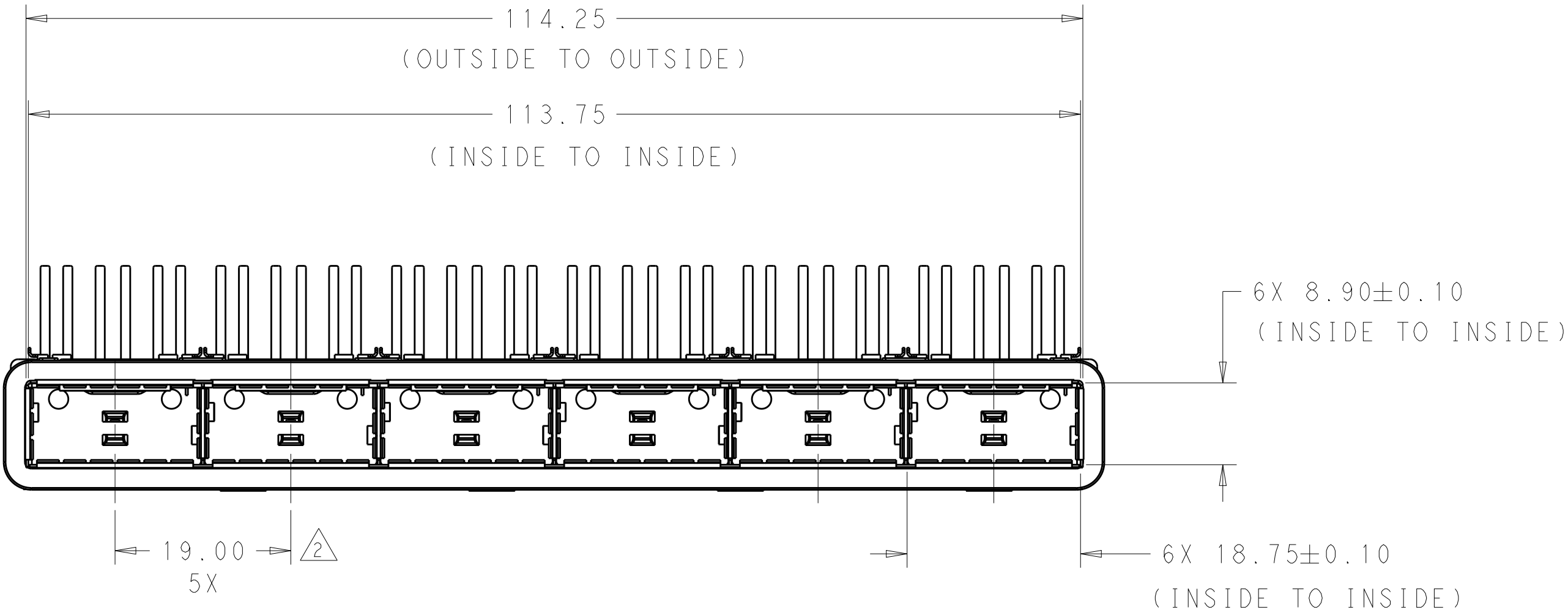
△16 FINISH:
EMI SPRING: 2um MINIMUM TIN.
HEAT SINK: NICKEL PLATING.



DETAIL S
SCALE 15:1



SCALE 2:1

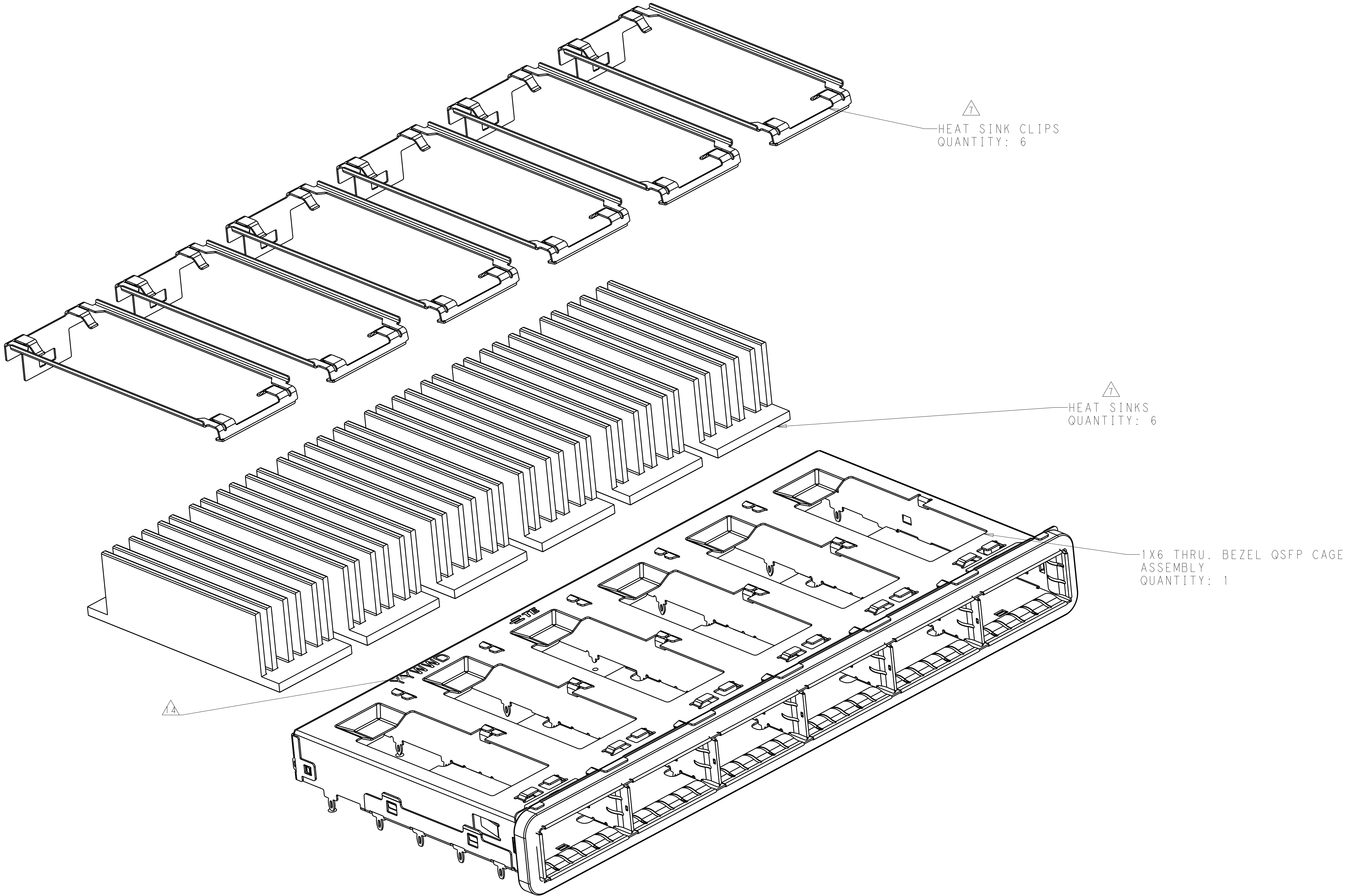


2170207-4
SCALE 2:1

WITH	23.0	Networking pin type	2170207-4
WITHOUT	23.0	Networking FIN TYPE	2170207-3
WITHOUT	16.0	SAN FIN TYPE	2170207-2
WITHOUT	13.7	PCI FIN TYPE	2170207-1
LIGHT PIPE	DIM.B	HEAT SINK	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	ROBERT GAN	15NOV2012
		CHK	JASON WANG	15NOV2012
		APVD	ALEX CAI	15NOV2012
DIMENSIONS:		NAME		
mm		PRODUCT SPEC		
		108-2286		
		APPLICATION SPEC		
		114-13217		
MATERIAL		WEIGHT		
-		-		
		Customer Drawing		
		SIZE	CAGE CODE	DRAWING NO
		A1	00779	C=2170207
		SCALE	1:1	SHEET 1 OF 6
		REV	12	

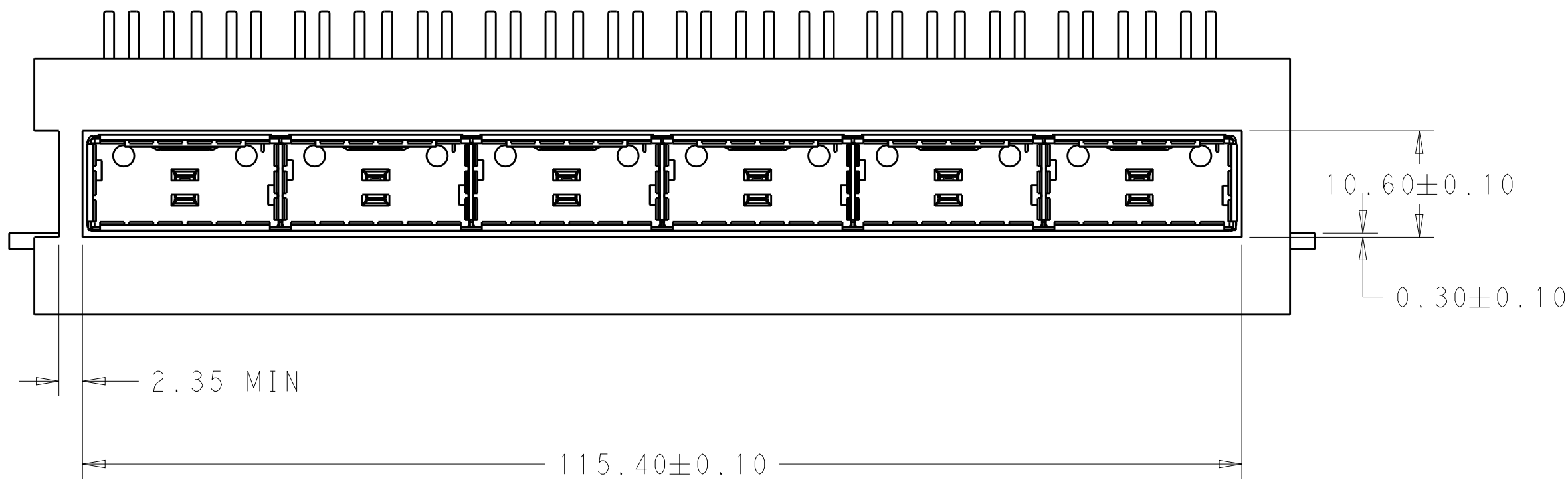
REVISIONS					
P.	LTR.	DESCRIPTION	DATE	DWN.	APVD.
-	-	SEE SHEET 1	-	-	-



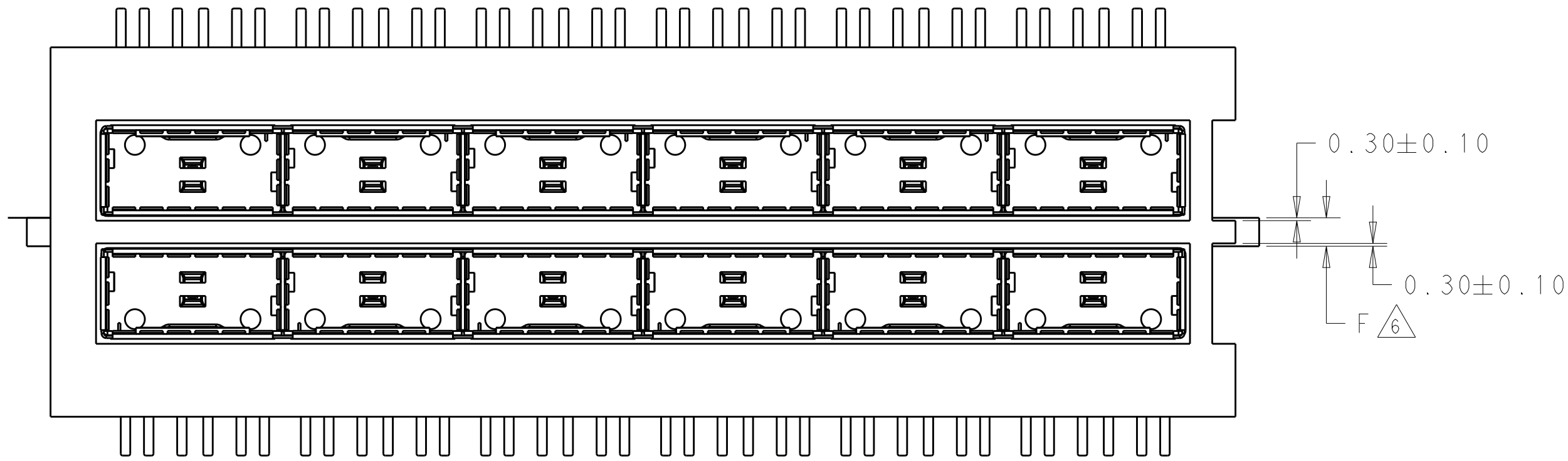
SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: ROBERT GAN 15NOV2012	TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK: JASON YANG 15NOV2012		
DIMENSIONS:		APVD: AILEY CAI 15NOV2012	NAME: 1X6 QSFP CAGE ASSY THRU BEZEL WITH HEAT SINK	
mm		PRODUCT SPEC		
		108-2286	SIZE: A1 CAGE CODE: 00779 C=2170207	
		APPLICATION SPEC		
		114-13217	RESTRICTED TO: -	
		WEIGHT: -		
MATERIAL: -		Customer Drawing		SCALE: 1:1 SHEET: 2 OF 6 REV: 12

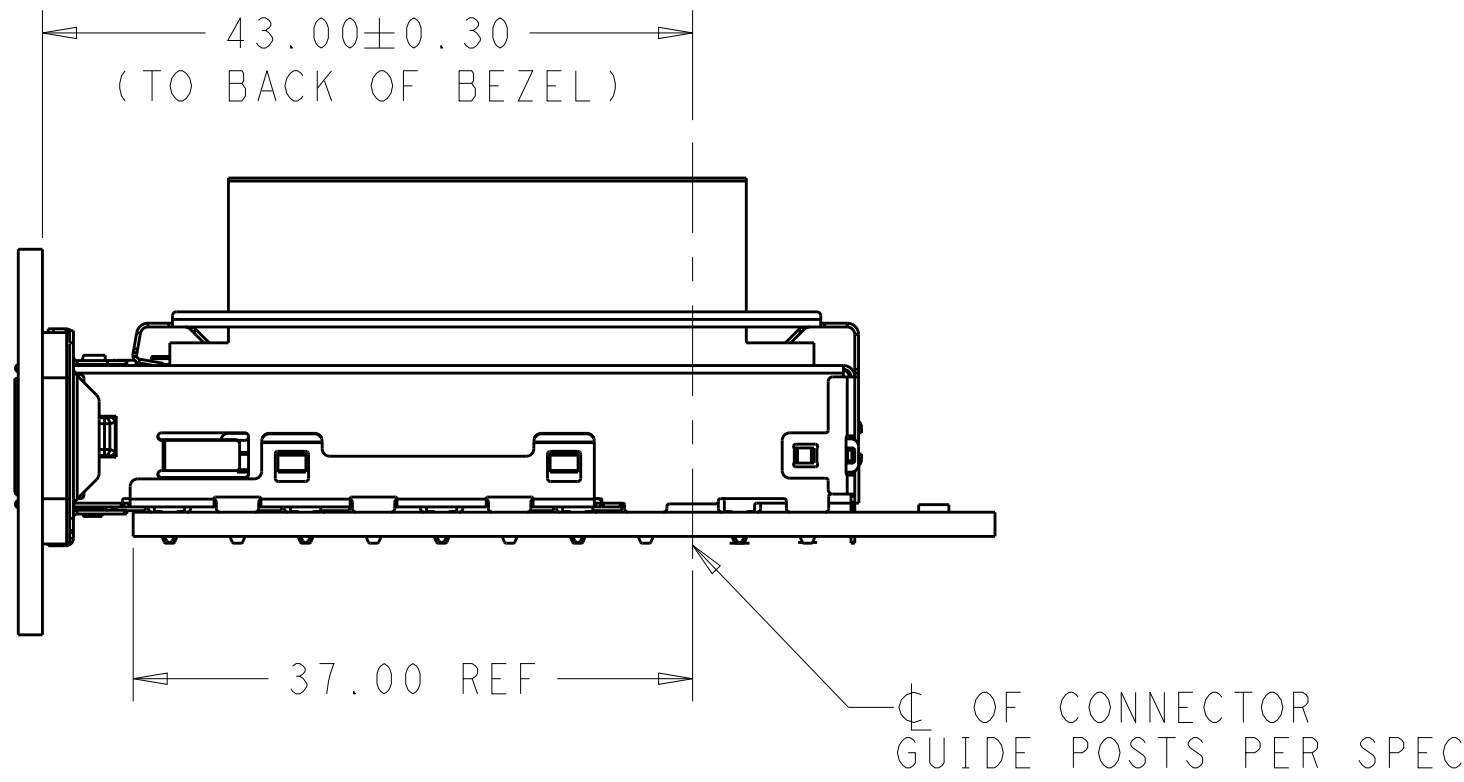
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



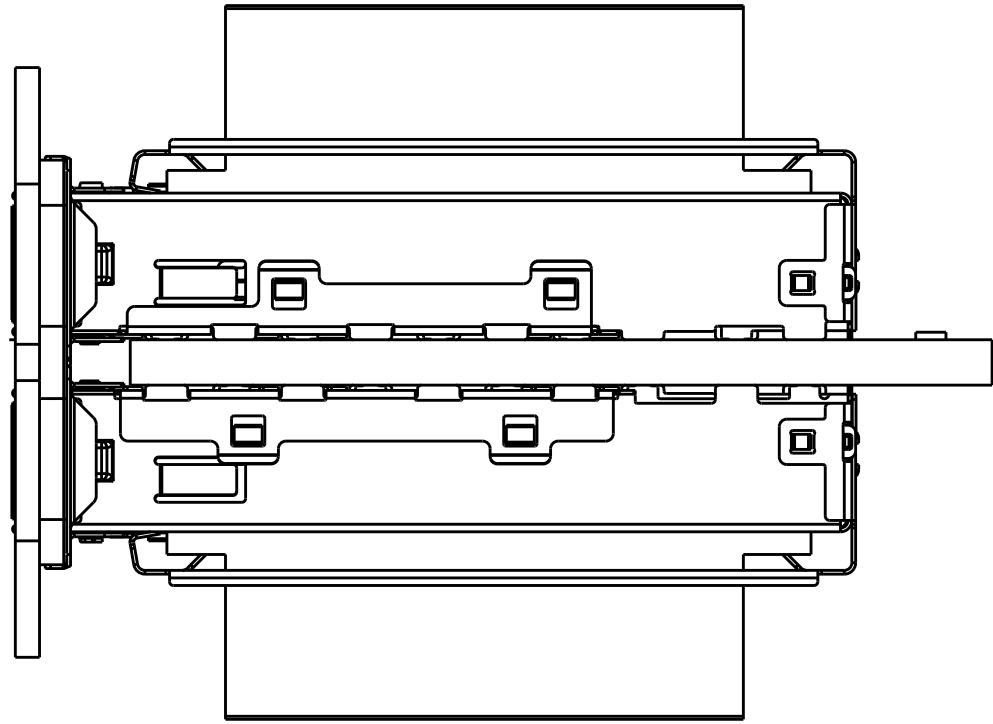
ONE SIDED CONFIGURATION



BELLY TO BELLY CONFIGURATION
SIMILAR TO ONE SIDED
EXCEPT WHERE NOTED



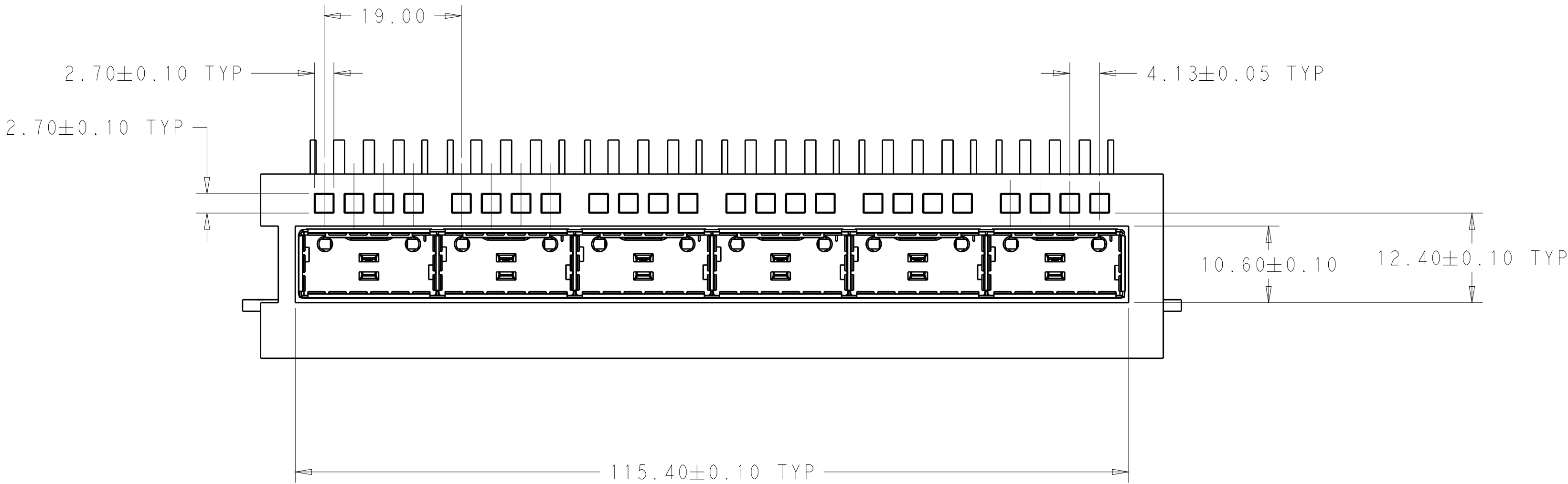
SCALE 2:1



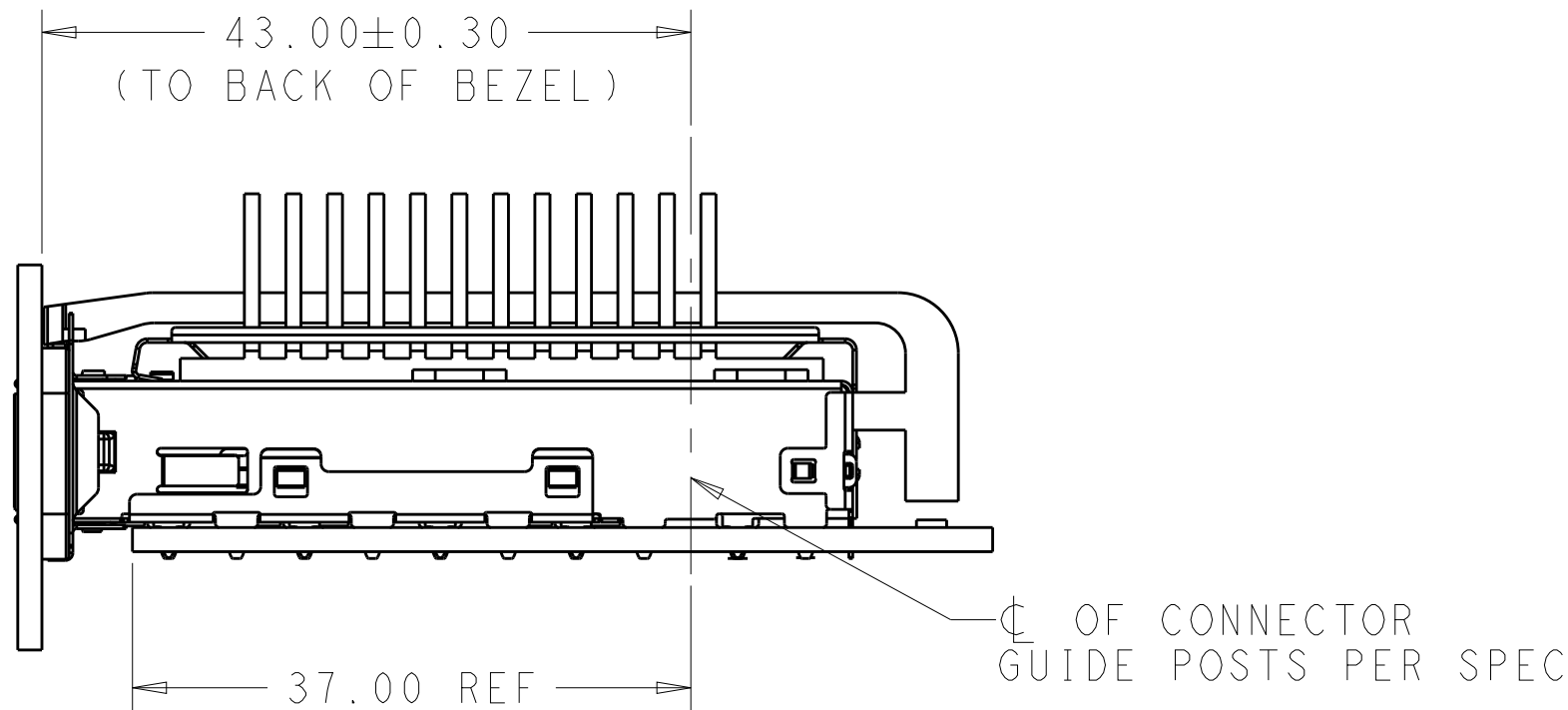
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ROBERT GAN CHK JASON YANG APVD ALEX CAI	15NOV2012 15NOV2012 15NOV2012	TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ±0.2 1 PLC ±0.2 2 PLC ±0.20 3 PLC ±0.2 4 PLC ±0.2 ANGLES ±0.2 FINISH -		PRODUCT SPEC 108-2286 APPLICATION SPEC 114-13217 WEIGHT -	
MATERIAL -		Customer Drawing		SIZE CAGE CODE DRAWING NO A100779C=2170207	
4805 (3/13)		SCALE 1:1		SHEET 3 OF 6	
				REV 12	

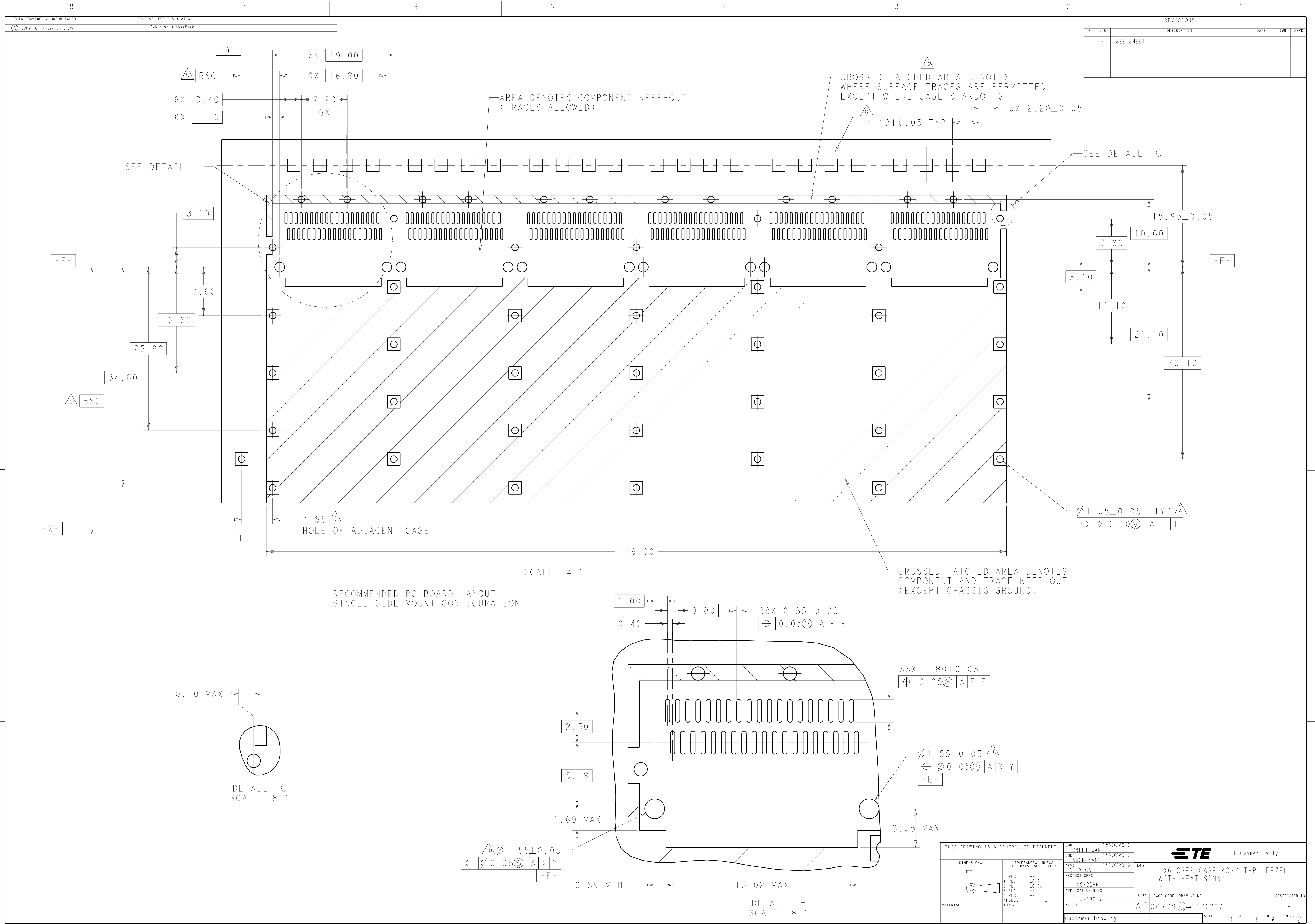
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



SCALE 2:1



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ROBERT GAN CHK JASON YANG APVD ALEX CAI	15NOV2012 15NOV2012 15NOV2012	TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ± 1 PLC ±0.2 2 PLC ±0.20 3 PLC ± 4 PLC ± ANGLES ± FINISH -		PRODUCT SPEC	
		108-2286		APPLICATION SPEC	
MATERIAL		114-13217		SIZE	
-		WEIGHT		CAGE CODE	
-		Customer Drawing		DRAWING NO	
		A100779		RESTRICTED TO	
		C=2170207		-	
		SCALE		SHEET	
		1:1		4 OF 6	
				REV	
				12	



REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 1	-	-

$\varnothing 1.05 \pm 0.05$ TYP $\Delta 4$
 $\varnothing 0.10 \text{ (M)} \text{ A F E}$

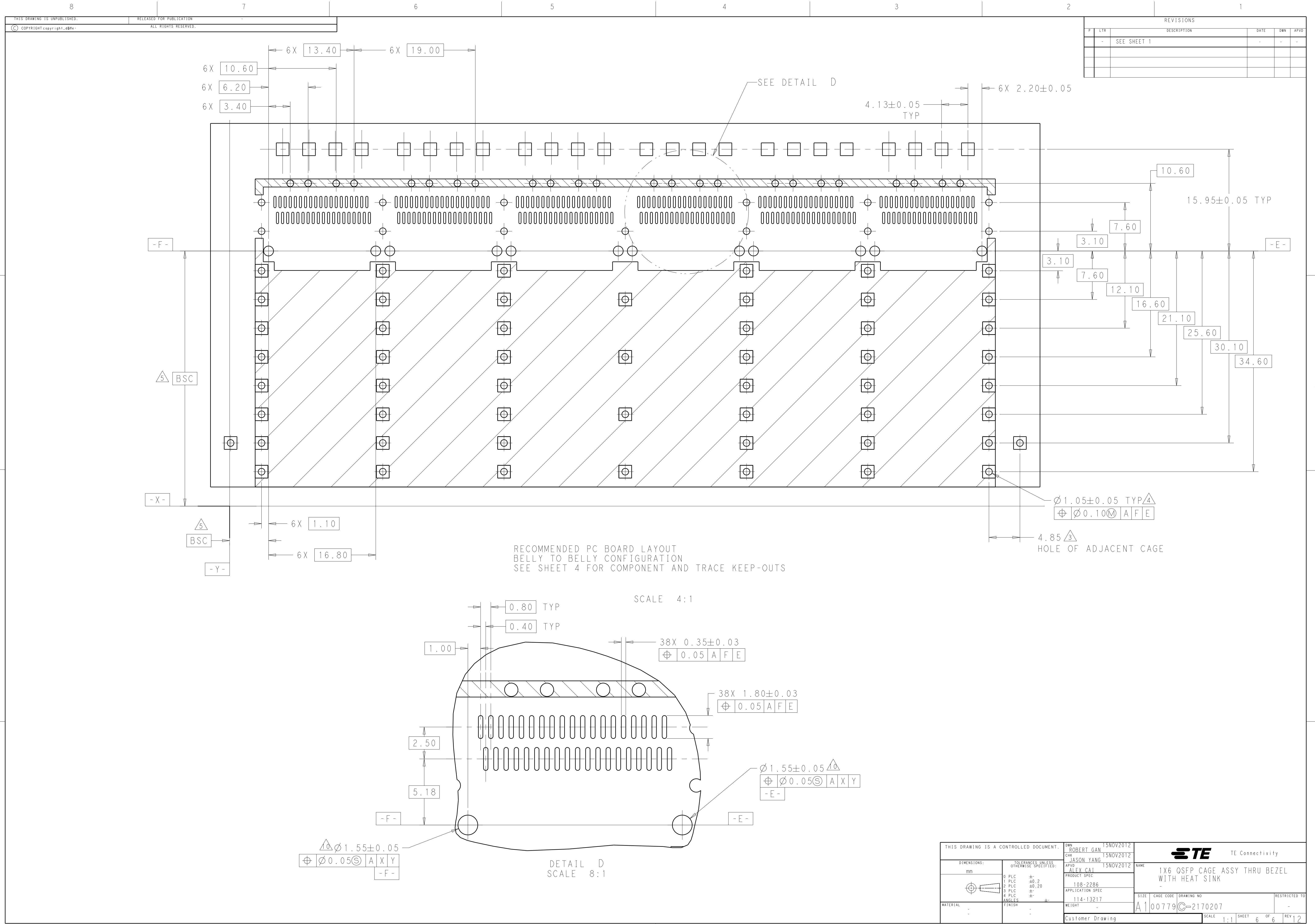
$38 \times 0.35 \pm 0.03$
 $\varnothing 0.05 \text{ (S)} \text{ A F E}$

$38 \times 1.80 \pm 0.03$
 $\varnothing 0.05 \text{ (S)} \text{ A F E}$

$\varnothing 1.55 \pm 0.05$ $\Delta 4$
 $\varnothing 0.05 \text{ (S)} \text{ A X Y}$
-E-

$\Delta \varnothing 1.55 \pm 0.05$
 $\varnothing 0.05 \text{ (S)} \text{ A X Y}$
-F-

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: ROBERT GAN 15NOV2012	TE Connectivity	
		CHK: JASON YANG 15NOV2012		
		APVD: ALEX CAI 15NOV2012	NAME: 1X6 QSFP CAGE ASSY THRU BEZEL WITH HEAT SINK	
DIMENSIONS:		PRODUCT SPEC	SIZE: CAGE CODE: DRAWING NO: RESTRICTED TO:	
mm		108-2286		
		APPLICATION SPEC	A100779C=2170207	
		114-13217		
MATERIAL:		WEIGHT:	Customer Drawing	
			SCALE: 1:1 SHEET 5 OF 6 REV 12	



REVISIONS				
P	LTR	DESCRIPTION	DATE	OWN
-	-	SEE SHEET 1	-	-

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: ROBERT GAN 15NOV2012		
		CHK: JASON YANG 15NOV2012		
DIMENSIONS:		APVD: ALEX CAI 15NOV2012	NAME	
mm		PRODUCT SPEC	1X6 QSFP CAGE ASSY THRU BEZEL WITH HEAT SINK	
		108-2286	SIZE	
		APPLICATION SPEC	CAGE CODE DRAWING NO	
MATERIAL		114-13217	RESTRICTED TO	
		WEIGHT	A100779C=2170207	
		Customer Drawing	SCALE 1:1 SHEET 6 OF 6 REV 12	