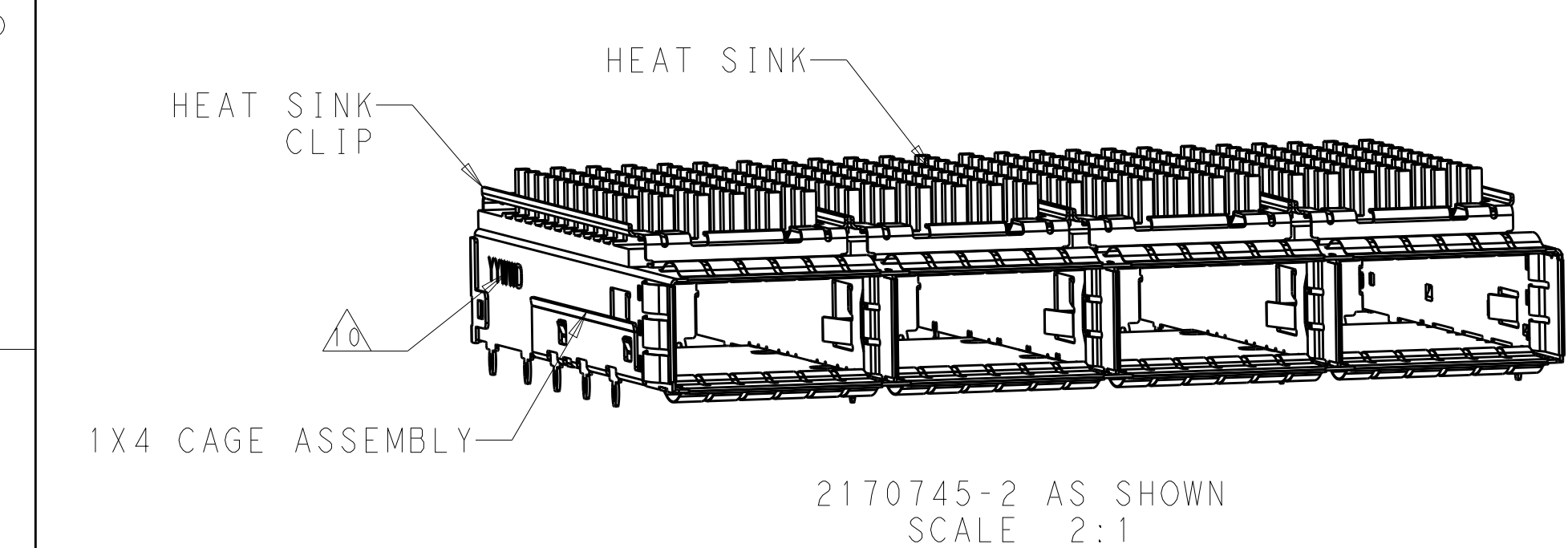
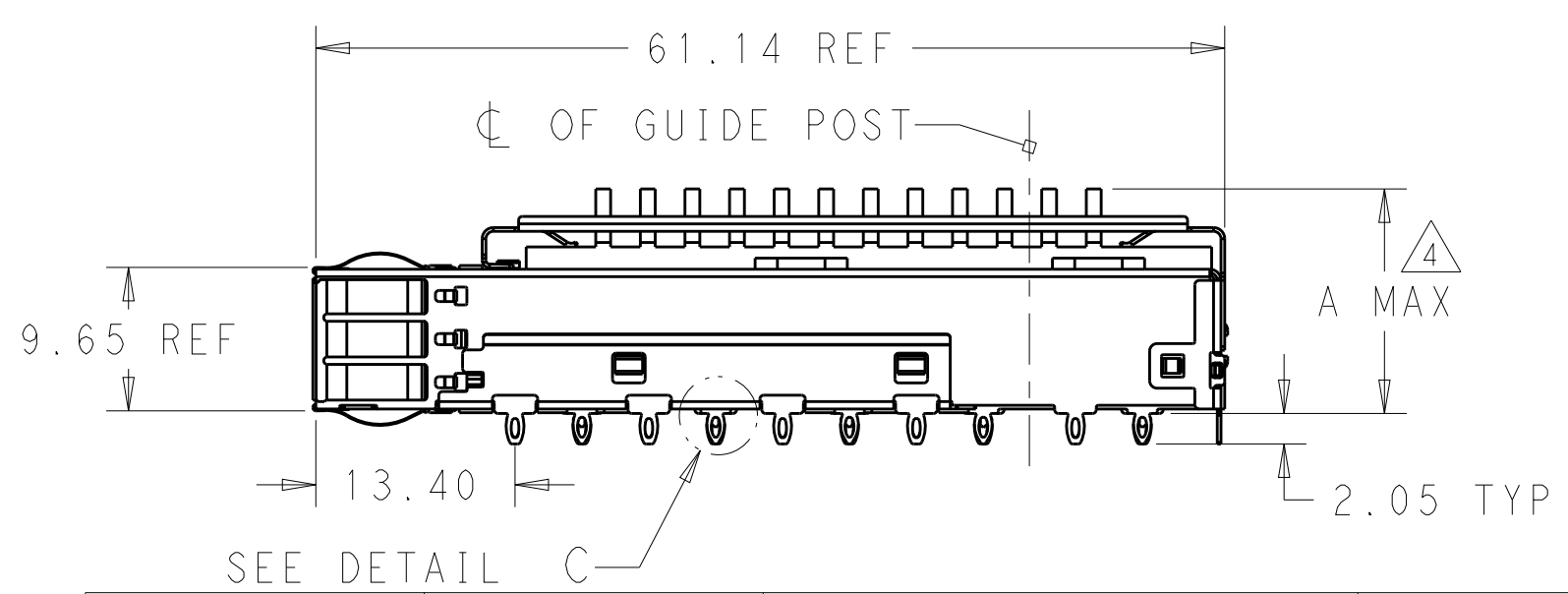
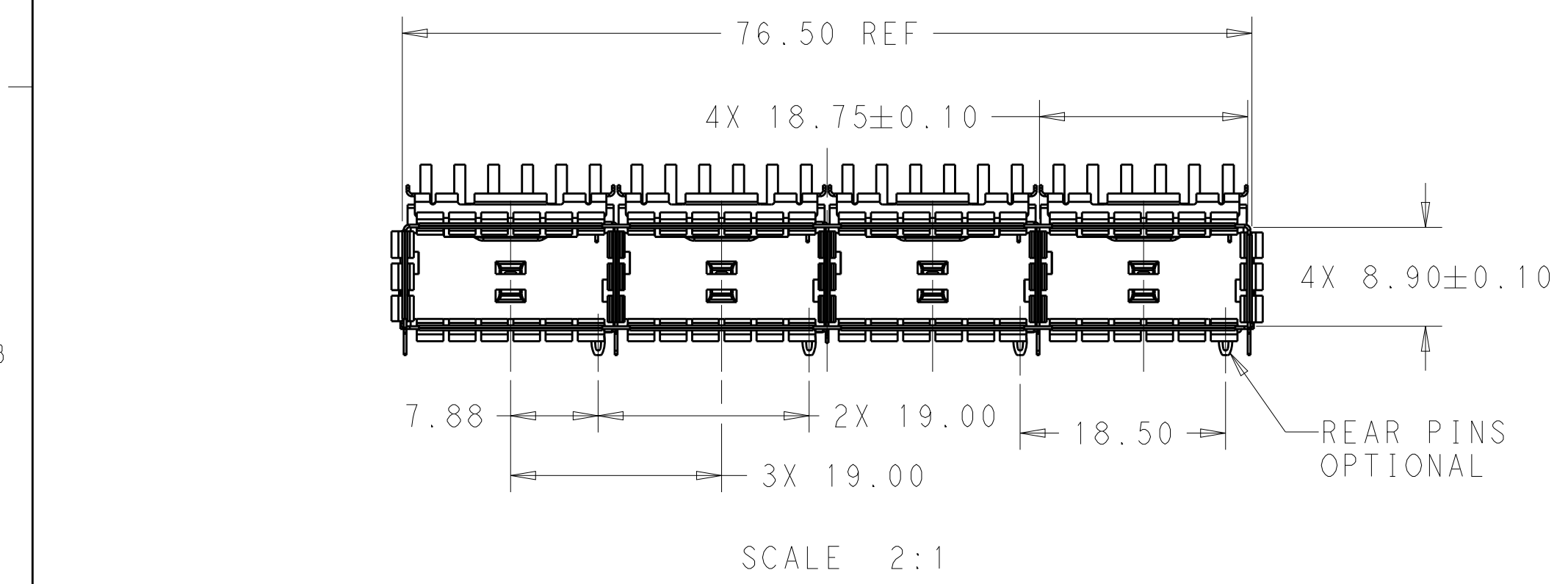


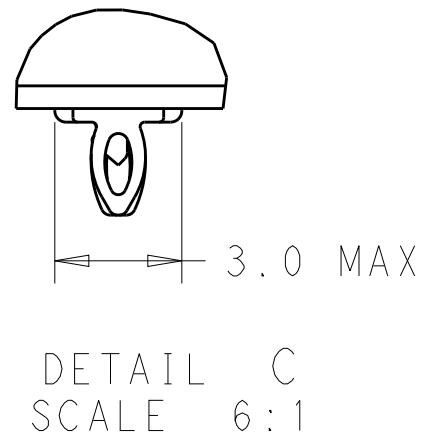
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A		INITIAL RELEASE	02FEB2016	JY	SH
B		REVISED PER ECO-17-007422	23MAY2017	JY	SH



1. COMPONENTS  
CAGE ASSEMBLY: NICKEL-SILVER ALLOY  
HEAT SINK: ALUMINUM/BLACK ANODIZE  
HEAT SINK CLIP: STAINLESS STEEL  
EMI SPRING: COPPER ALLOY/NICKEL PLATE
2. REFERENCE APPLICATION SPECIFICATION 114-32023  
FOR RECOMMENDED DRILL HOLE DIAMETER AND  
PLATING THICKNESS
3. DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER
4. DIMENSION APPLIES WITH MODULE INSERTED IN CAGE
5. HEAT SINKS, HEAT SINK CLIPS AND LIGHT PIPES  
ARE SHIPPED ASSEMBLED ON CAGE
6. MINIMUM PC BOARD THICKNESS: SINGLE SIDED: 1.57 MIN  
DOUBLE SIDED: 2.20 MIN
7. DATUM -A- IS TOP SURFACE OF THE HOST BOARD.
8. THESE HOLES ARE OPTIONAL WHEN THE REAR PINS ARE REMOVED.
9. MATES WITH QSFP28 MSA COMPATIBLE TRANSCEIVER.
10. DATE CODE (YYWWD) MARKED APPROXIMATELY AS SHOWN.
11. PN 2170745-7 IS RESTRICTED TO GOOGLE.



16.0	WITHOUT	SAN, FIN TYPE	2170745-8
18.05	WITHOUT	CUSTOMIZED, FIN TYPE	2170745-7
23.0	WITHOUT	NETWORKING, PIN TYPE	2170745-6
16.0	WITHOUT	SAN, PIN TYPE	2170745-5
13.7	WITHOUT	PCI, PIN TYPE	2170745-4
23.0	WITH	NETWORKING, PIN TYPE	2170745-3
16.0	WITH	SAN, PIN TYPE	2170745-2
13.7	WITH	PCI, PIN TYPE	2170745-1
DIM A	REAR PINS OPTIONAL	APPLICATION	PART NUMBER



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
0 PLC ±  
1 PLC ±0.25  
2 PLC ±0.2  
3 PLC ±  
4 PLC ±  
ANGLES ±  
FINISH

MATERIAL  
SEE NOTES

DWN JASON YANG 25JUN2014

CHK SEAN HAN 11JAN2016

APVD

PRODUCT SPEC  
108-19428

APPLICATION SPEC  
114-32023

WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAME  
RECEPTACLE CAGE ASSEMBLY  
WITH HEAT SINKS  
THRU BEZEL, 1X4, QSFP28

SIZE  
A2

CAGE CODE  
00779

DRAWING NO  
C-2170745

RESTRICTED TO

SCALE 3:1

SHEET 1 OF 6

REV B

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

D

D

C

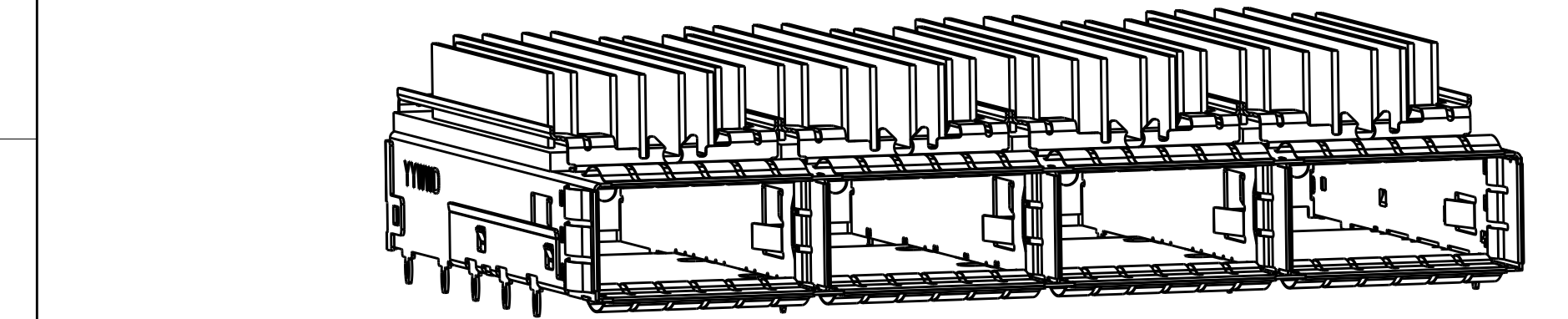
C

B

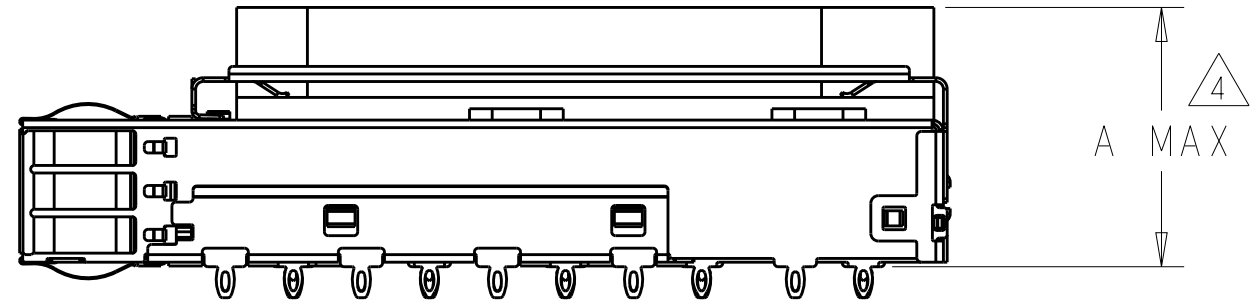
B

A

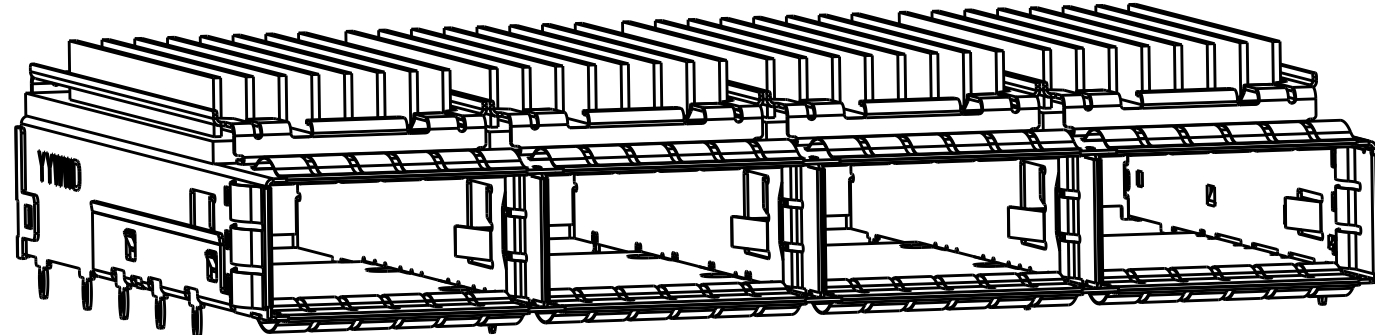
A



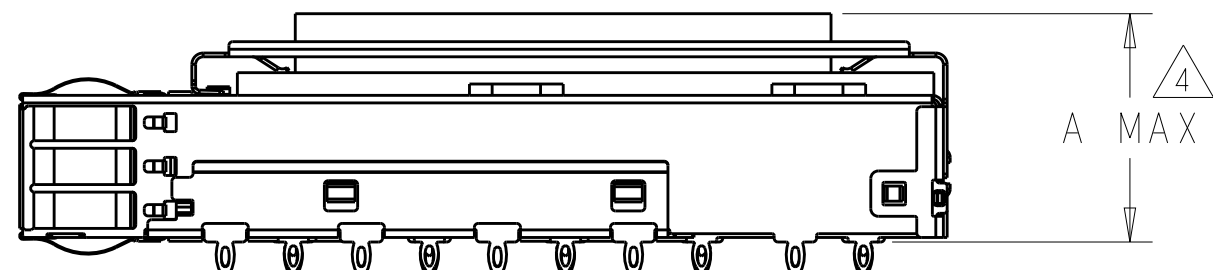
2170745-7 AS SHOWN   
WITH CUSTOMIZED FIN TYPE HEAT SINK AND LP FEATURE  
SCALE 2:1



SCALE 2:1




2170745-8 AS SHOWN  
WITH FIN TYPE HEAT SINK  
SCALE 2:1

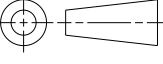


SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN 25JUN2014  
JASON YANG  
CHK 11JAN2016  
SEAN HAN  
APVD -

 TE Connectivity

DIMENSIONS:  
mm  


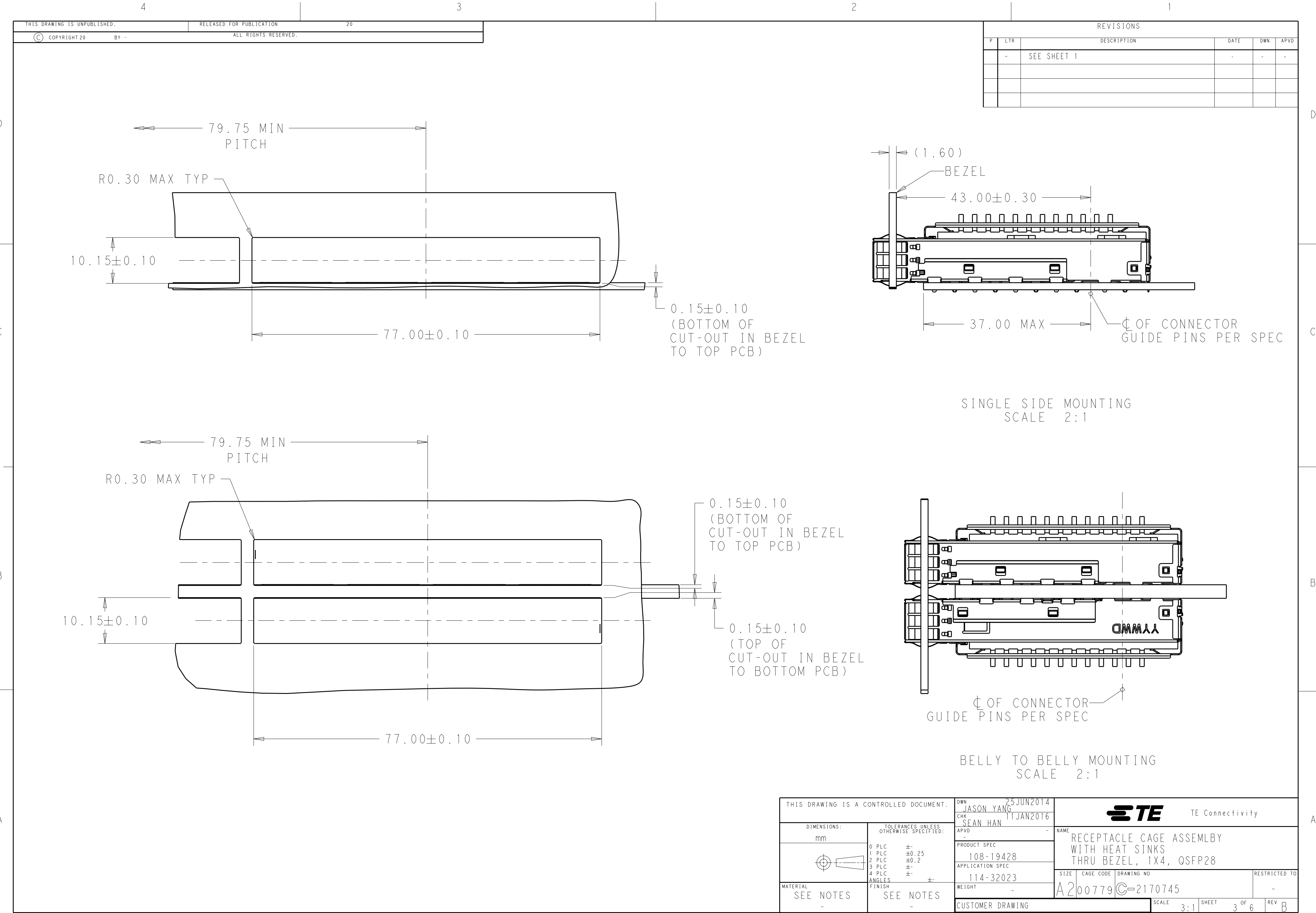
TOLERANCES UNLESS OTHERWISE SPECIFIED:  
0 PLC ±-  
1 PLC ±0.25  
2 PLC ±0.2  
3 PLC ±-  
4 PLC ±-  
ANGLES ±-  
FINISH

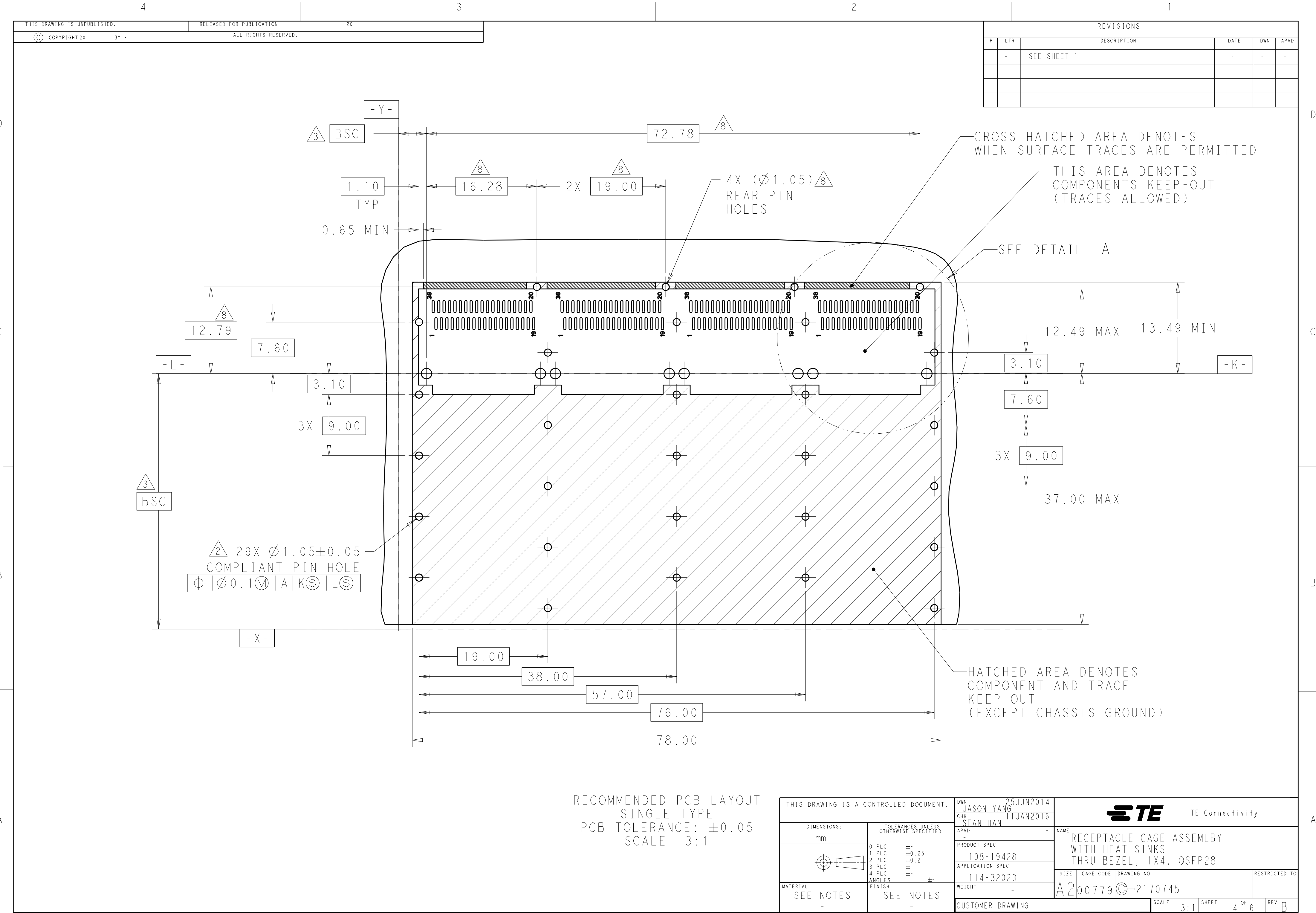
MATERIAL  
SEE NOTES  
-

PRODUCT SPEC  
108-19428  
APPLICATION SPEC  
114-32023  
WEIGHT  
-

NAME  
RECEPTACLE CAGE ASSEMBLY  
WITH HEAT SINKS  
THRU BEZEL, 1X4, QSFP28  
SIZE  
A200779  
CAGE CODE  
C-2170745  
DRAWING NO  
RESTRICTED TO  
-

CUSTOMER DRAWING  
SCALE 3:1  
SHEET 2 OF 6  
REV B



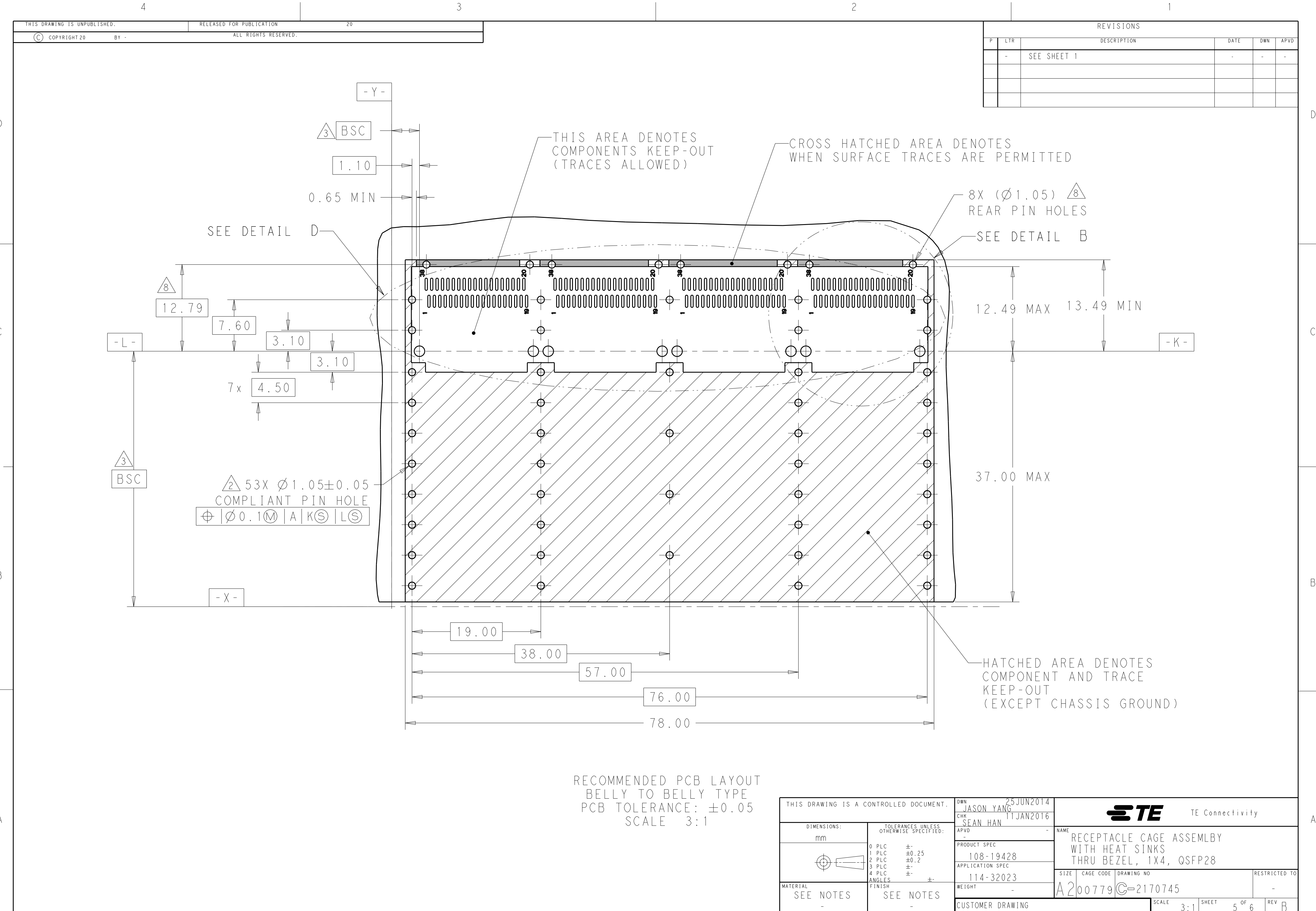


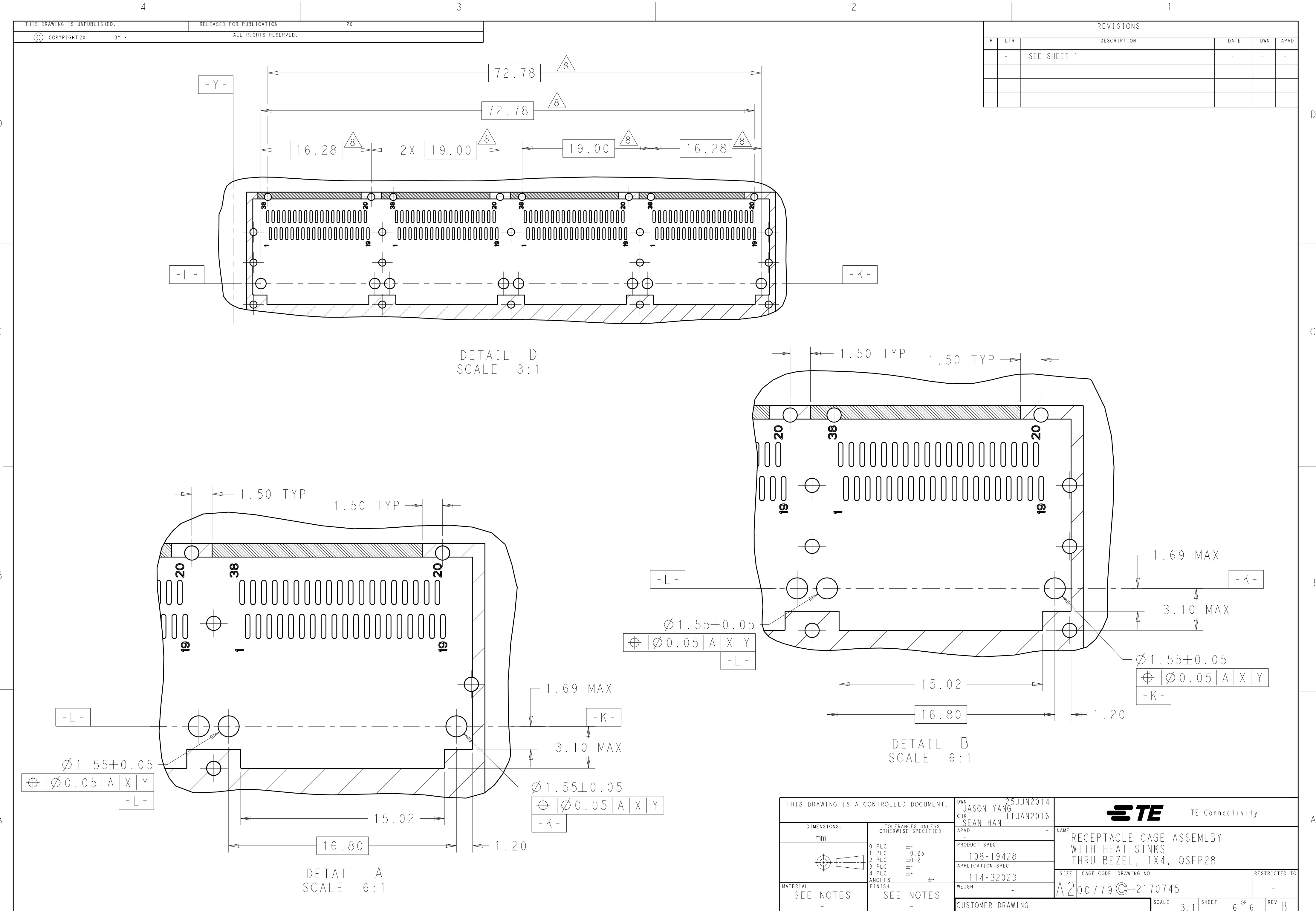
REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN
-	-	SEE SHEET 1	-	-

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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	25 JUN 2014
		CHK	JASON YANG
		CHK	SEAN HAN
		APVD	-
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
mm			
		0 PLC	±-
		1 PLC	±0.25
		2 PLC	±0.2
		3 PLC	±-
		4 PLC	±-
		ANGLES	±-
		FINISH	±-
MATERIAL		SEE NOTES	
NAME		RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS THRU BEZEL, 1X4, QSFP28	
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2170745	-
CUSTOMER DRAWING		SCALE	3:1
		SHEET	4 OF 6
		REV	B

RECOMMENDED PCB LAYOUT  
SINGLE TYPE  
PCB TOLERANCE: ±0.05  
SCALE 3:1





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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG 25JUN2014	TE Connectivity		
		CHK SEAN HAN 11JAN2016			
DIMENSIONS:		APVD -	NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS THRU BEZEL, 1X4, QSFP28		
mm		PRODUCT SPEC 108-19428	SIZE A200779		
		APPLICATION SPEC 114-32023	CAGE CODE C-2170745		
MATERIAL SEE NOTES		WEIGHT -	DRAWING NO -		
		CUSTOMER DRAWING	RESTRICTED TO -		
			SCALE 3:1		
			SHEET 6 OF 6		
			REV B		