

D

C

B

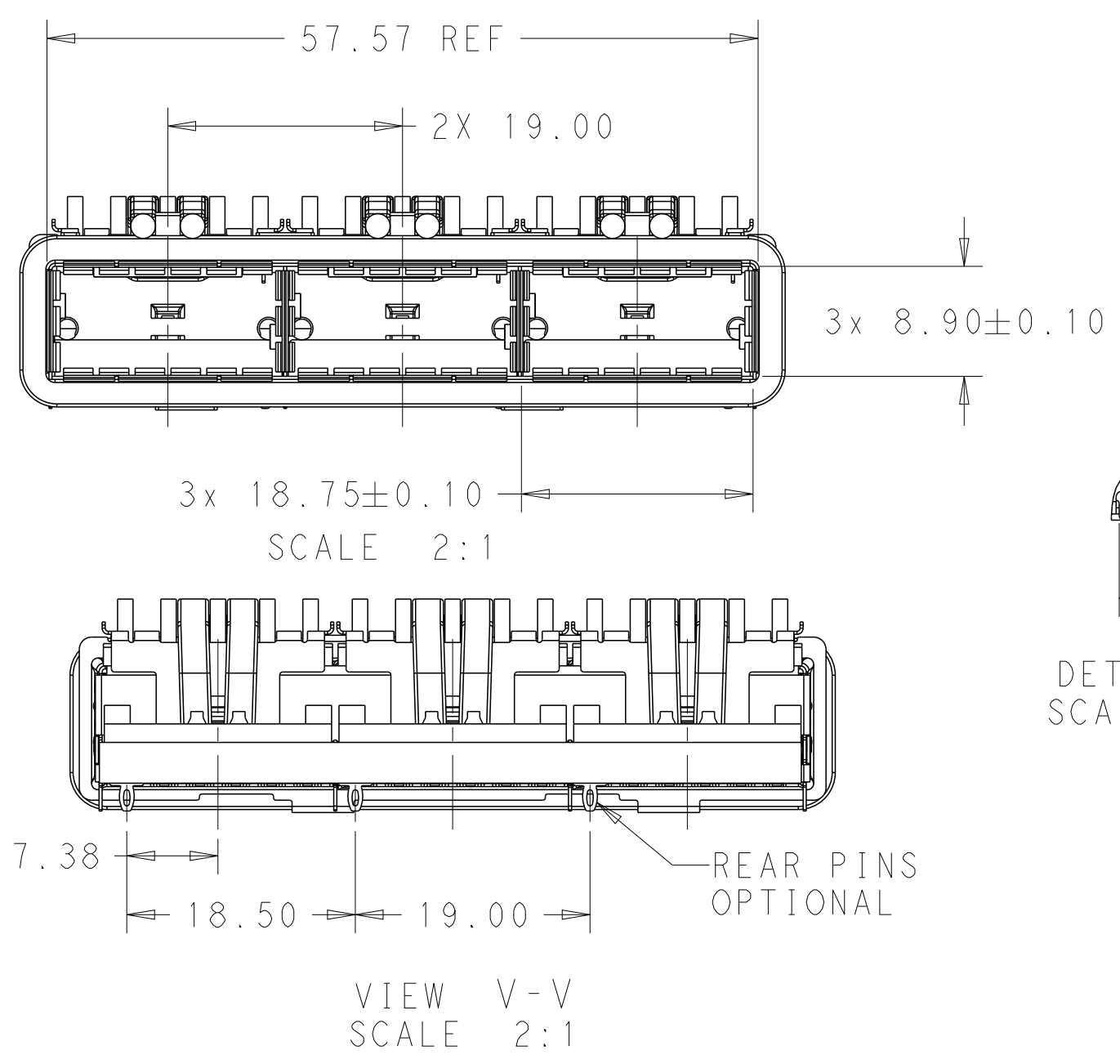
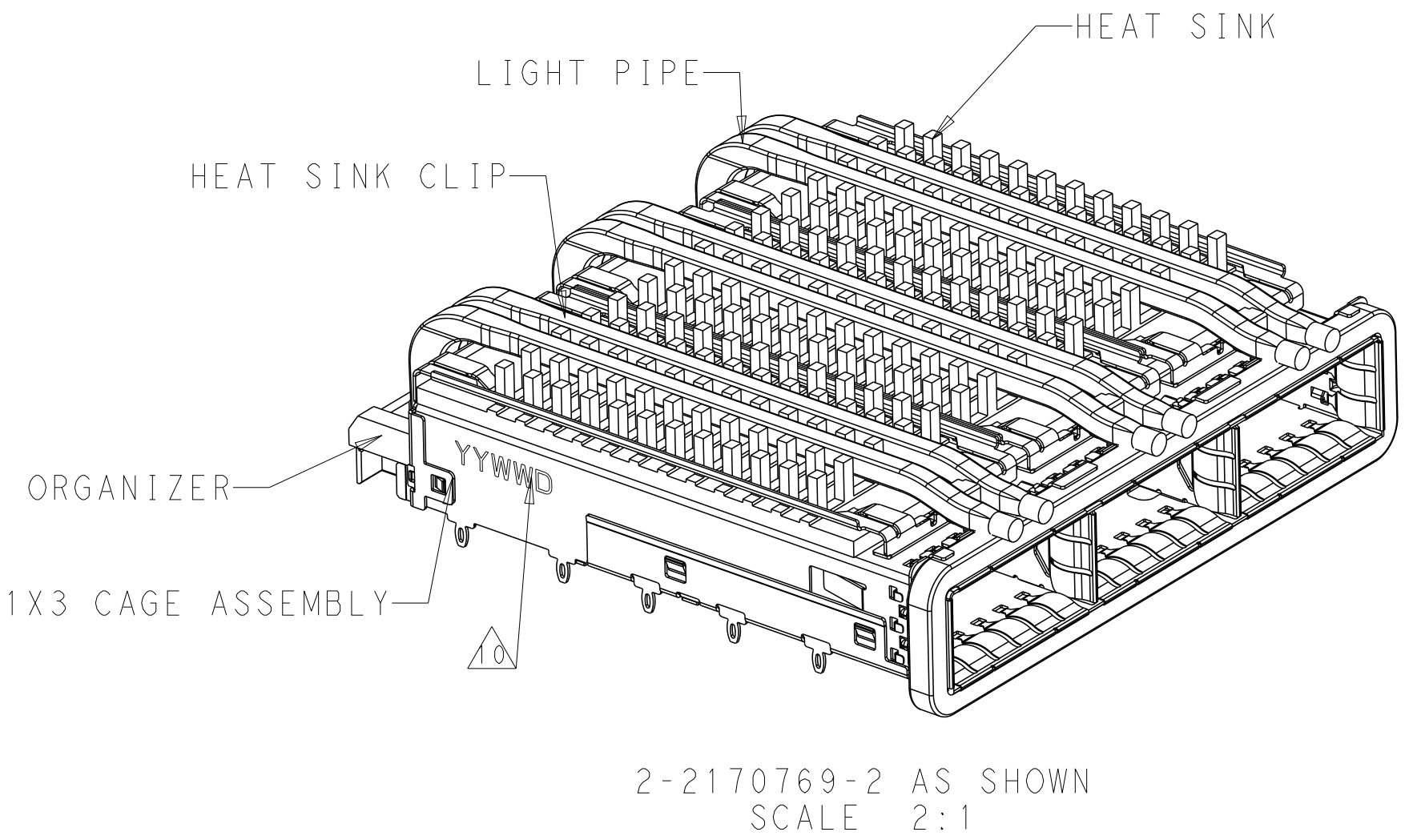
A

D

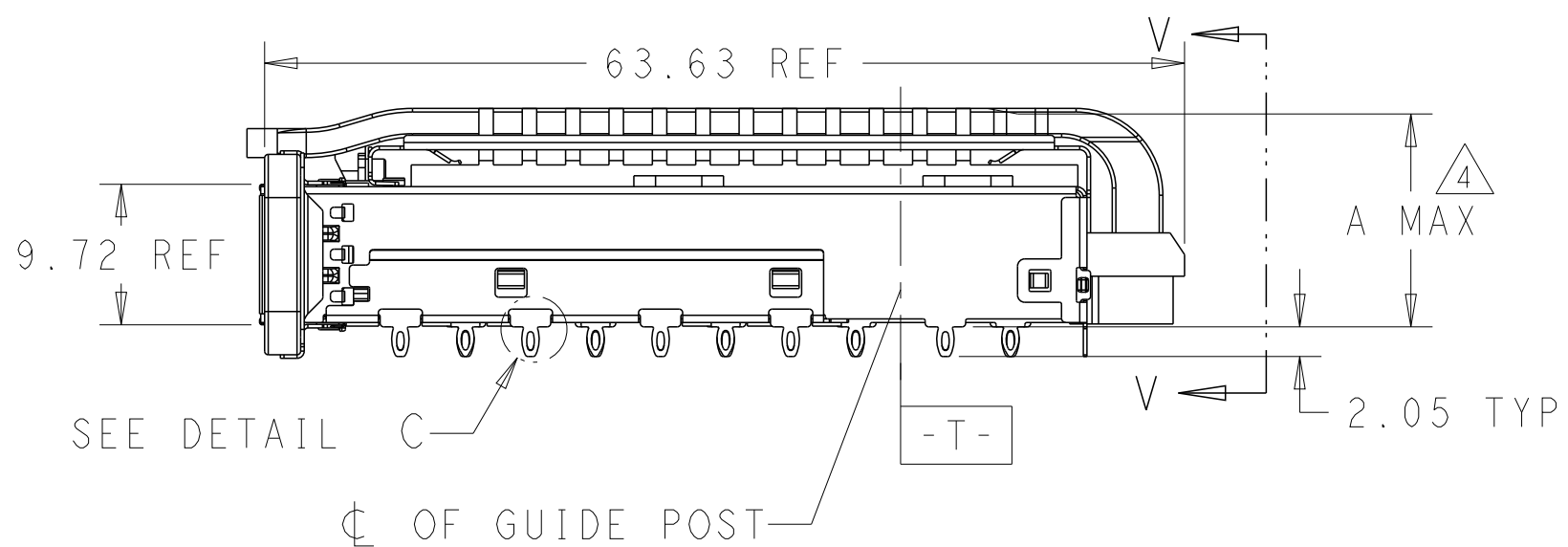
C

B

A



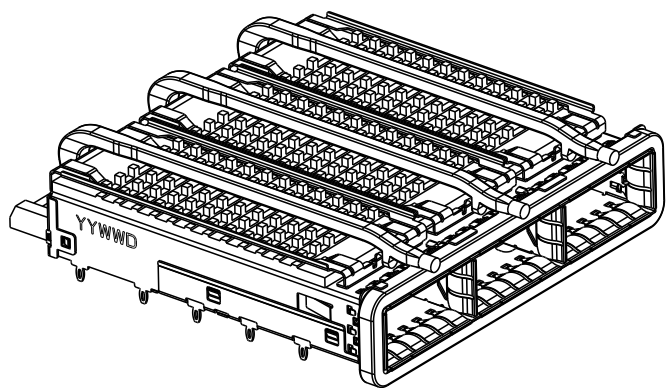
- COMPONENTS
CAGE ASSEMBLY: NICKEL-SILVER ALLOY
HEAT SINK: ALUMINUM/BLACK ANODIZE
HEAT SINK CLIP: STAINLESS STEEL
EMI GASKET: CONDUCTIVE RUBBER
LIGHT PIPE: CLEAR POLYCARBONATE
ORGANIZER: POLYESTER
- REFERENCE APPLICATION SPECIFICATION 114-32023
FOR RECOMMENDED DRILL HOLE DIAMETER AND
PLATING THICKNESS
- DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER
- DIMENSION APPLIES WITH MODULE INSERTED IN CAGE
- HEAT SINKS, HEAT SINK CLIPS AND LIGHT PIPES
ARE SHIPPED ASSEMBLED ON CAGE
- MINIMUM PC BOARD THICKNESS:
SINGLE SIDED: 1.57 MIN
DOUBLE SIDED: 3.00 MIN
- DATUM **-A-** IS TOP SURFACE OF THE HOST BOARD.
- THESE HOLES ARE OPTIONAL WHEN THE REAR PINS ARE REMOVED.
- MATES WITH QSFP28 MSA COMPATIBLE TRANSCEIVER.
- DATE CODE (YYWWD) MARKED APPROXIMATELY AS SHOWN.
- NOTED DIMENSIONS ONLY APPLY TO CAGE ASSEMBLY WITH LIGHT PIPE.



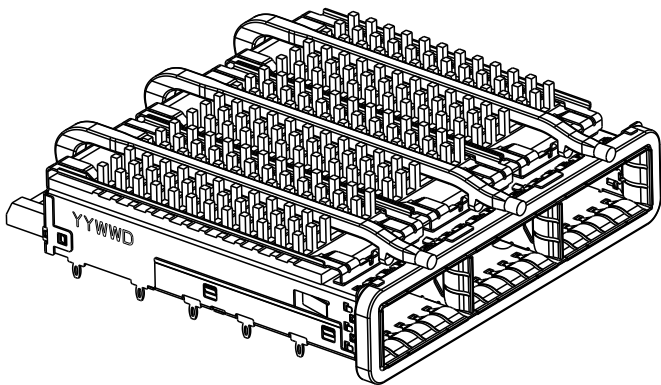
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BING LIU 23APR2014	TE Connectivity			
		CHK JASON YANG 23APR2014				
DIMENSIONS: mm		APVD SEAN HAN 31DEC2015	NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X3, QSFP28			
		PRODUCT SPEC 108-19428	SIZE A200779		DRAWING NO C-2170769	
		APPLICATION SPEC 114-32023	CAGE CODE A200779		RESTRICTED TO -	
MATERIAL SEE NOTES		WEIGHT -	CUSTOMER DRAWING		SCALE 3:1	SHEET 1 OF 9
						REV A2

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
		rev_sym_1	1866-886E11		rev.date1	rev.dwn1	rev.appr_1
		rev_sym_2	rev_desc_2		rev.date2	rev.dwn2	rev.appr_2
		rev_sym_3	rev_desc_3		rev.date3	rev.dwn3	rev.appr_3
		rev_sym_4	rev_desc_4		rev.date4	rev.dwn4	rev.appr_4

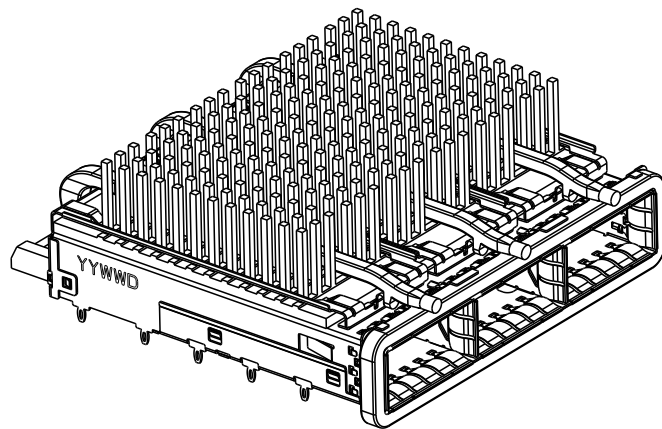
HEAT SINK OPTION



SCALE 1:1

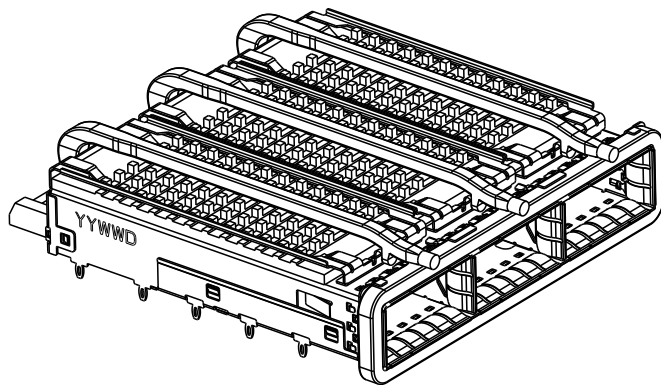


SCALE 1:1

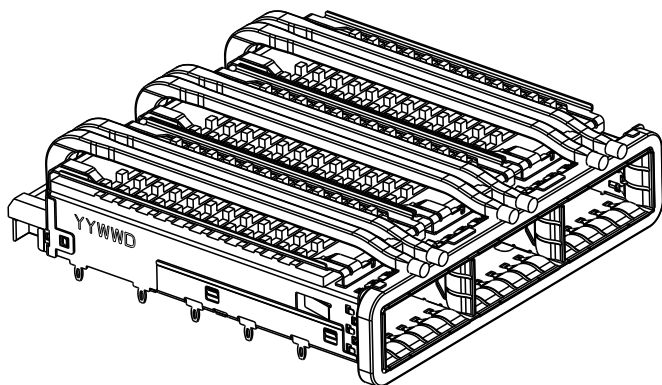


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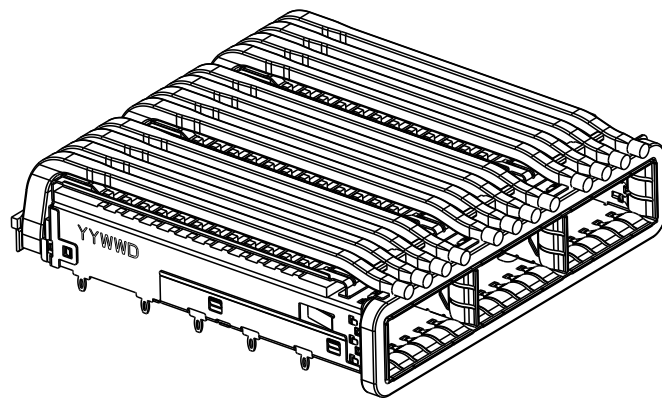
LIGHT PIPE OPTION



SCALE 1:1

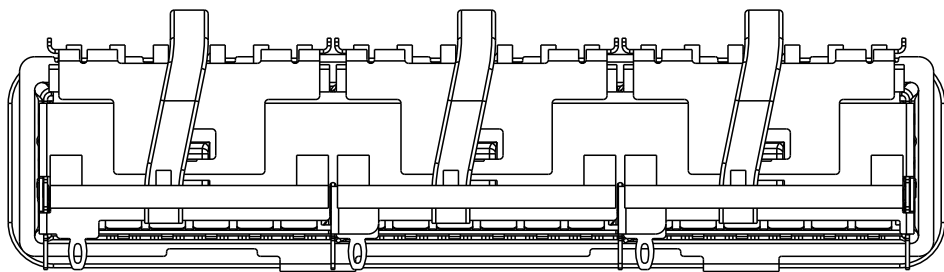


SCALE 1:1

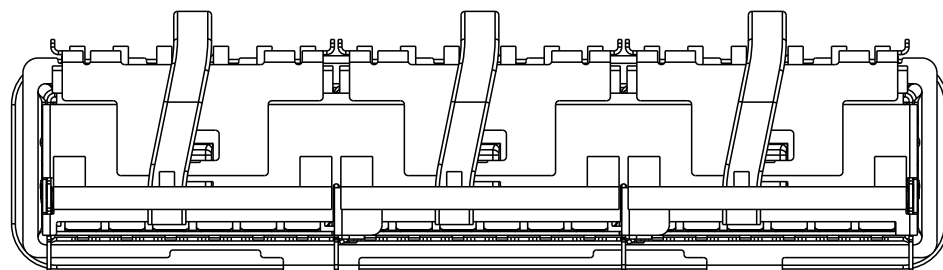


SCALE 1:1

OF REAR PIN OPTION



1 REAR PIN
SCALE 2:1



0 REAR PIN
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN BING LIU 23APR2014	TE Connectivity			
			CHK JASON YANG 23APR2014				
DIMENSIONS:			APVD SEAN HAN 31DEC2015	NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X3, QSFP28			
mm			PRODUCT SPEC 108-19428	SIZE 114-32023		CAGE CODE A200779	
			APPLICATION SPEC 114-32023	DRAWING NO C-2170769		RESTRICTED TO -	
MATERIAL SEE NOTES material_2			FINISH SEE NOTES finish_spec_2	WEIGHT -		SCALE 3:1	
			CUSTOMER DRAWING		SHEET 1 OF 9		REV A2

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

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BY -

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LOC

DIST

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
rev_sym_1	1866-8466E11		rev.date1	rev.dwn1	lapp1
rev_sym_2	rev_desc_2		rev.date2	rev.dwn2	lapp2
rev_sym_3	rev_desc_3		rev.date3	rev.dwn3	lapp3
rev_sym_4	rev_desc_4		rev.date4	rev.dwn4	lapp4

D

C

B

A

0	23.0	QUAD	NETWORKING	4-2170769-6
0	16.0	QUAD	SAN	4-2170769-5
0	13.7	QUAD	PCI	4-2170769-4
1	23.0	QUAD	NETWORKING	4-2170769-3
1	16.0	QUAD	SAN	4-2170769-2
1	13.7	QUAD	PCI	4-2170769-1
0	23.0	DUAL	NETWORKING	2-2170769-6
0	16.0	DUAL	SAN	2-2170769-5
0	13.7	DUAL	PCI	2-2170769-4
1	23.0	DUAL	NETWORKING	2-2170769-3
1	16.0	DUAL	SAN	2-2170769-2
1	13.7	DUAL	PCI	2-2170769-1
0	16.0	SINGLE	W/O HS	2170769-7
0	23.0	SINGLE	NETWORKING	2170769-6
0	16.0	SINGLE	SAN	2170769-5
0	13.7	SINGLE	PCI	2170769-4
1	23.0	SINGLE	NETWORKING	2170769-3
1	16.0	SINGLE	SAN	2170769-2
1	13.7	SINGLE	PCI	2170769-1
# OF REAR PIN	DIM A	LIGHT PIPE OPTION	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 ±-

MATERIAL

SEE NOTES

material_2

FINISH

SEE NOTES

finish_spec_2

DWN

BING LIU

23APR2014

CHK

JASON YANG

23APR2014

APVD

SEAN HAN

31DEC2015

PRODUCT SPEC

108-19428

APPLICATION SPEC

114-32023

WEIGHT

-

CUSTOMER DRAWING

TE Connectivity

NAME

RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X3, QSFP28

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A2

00779

©-2170769

SCALE

3:1

SHEET

1

OF

9

REV

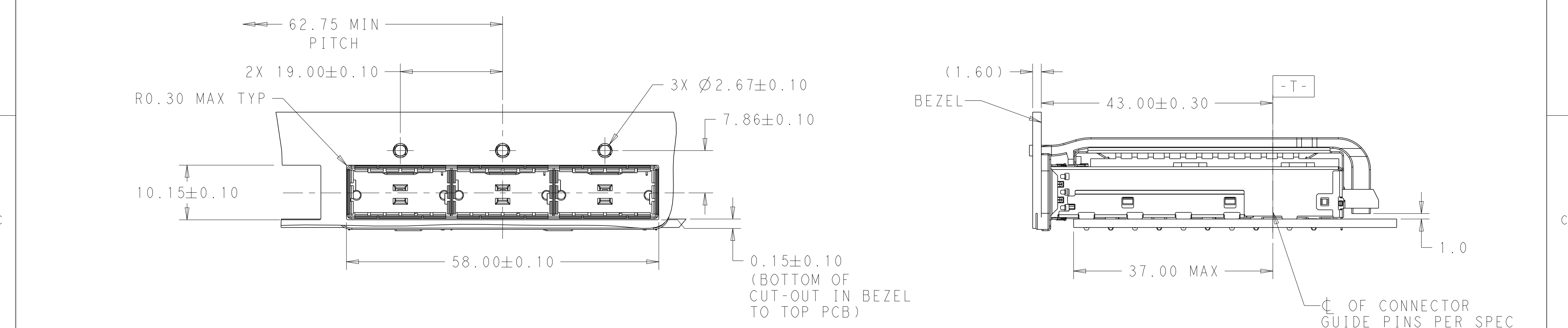
A2

1471-9 (3/11)

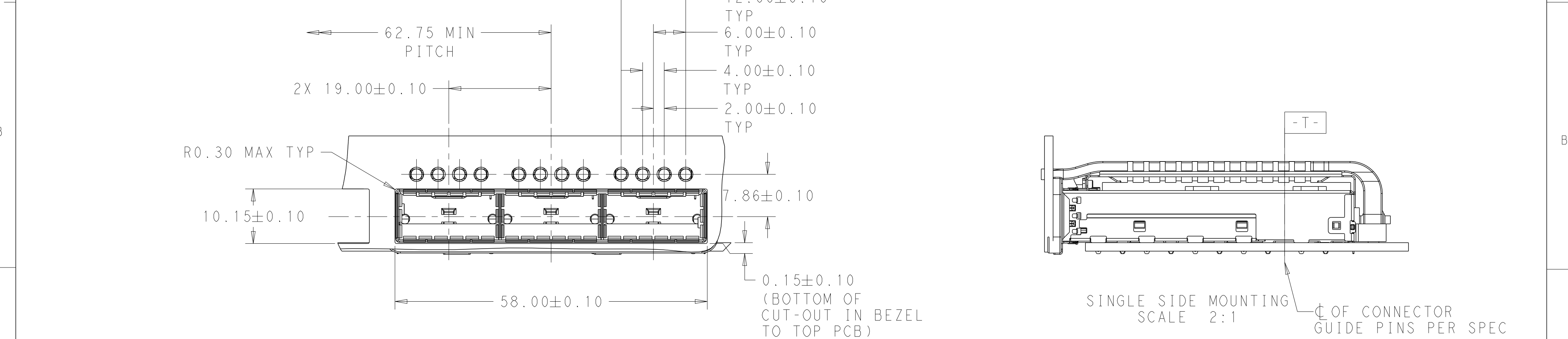
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rev_sym_2	rev_desc_2		rev_date_2	rev_dwn_2	rev_appr_2
rev_sym_3	rev_desc_3		rev_date_3	rev_dwn_3	rev_appr_3
rev_sym_4	rev_desc_4		rev_date_4	rev_dwn_4	rev_appr_4

D

D

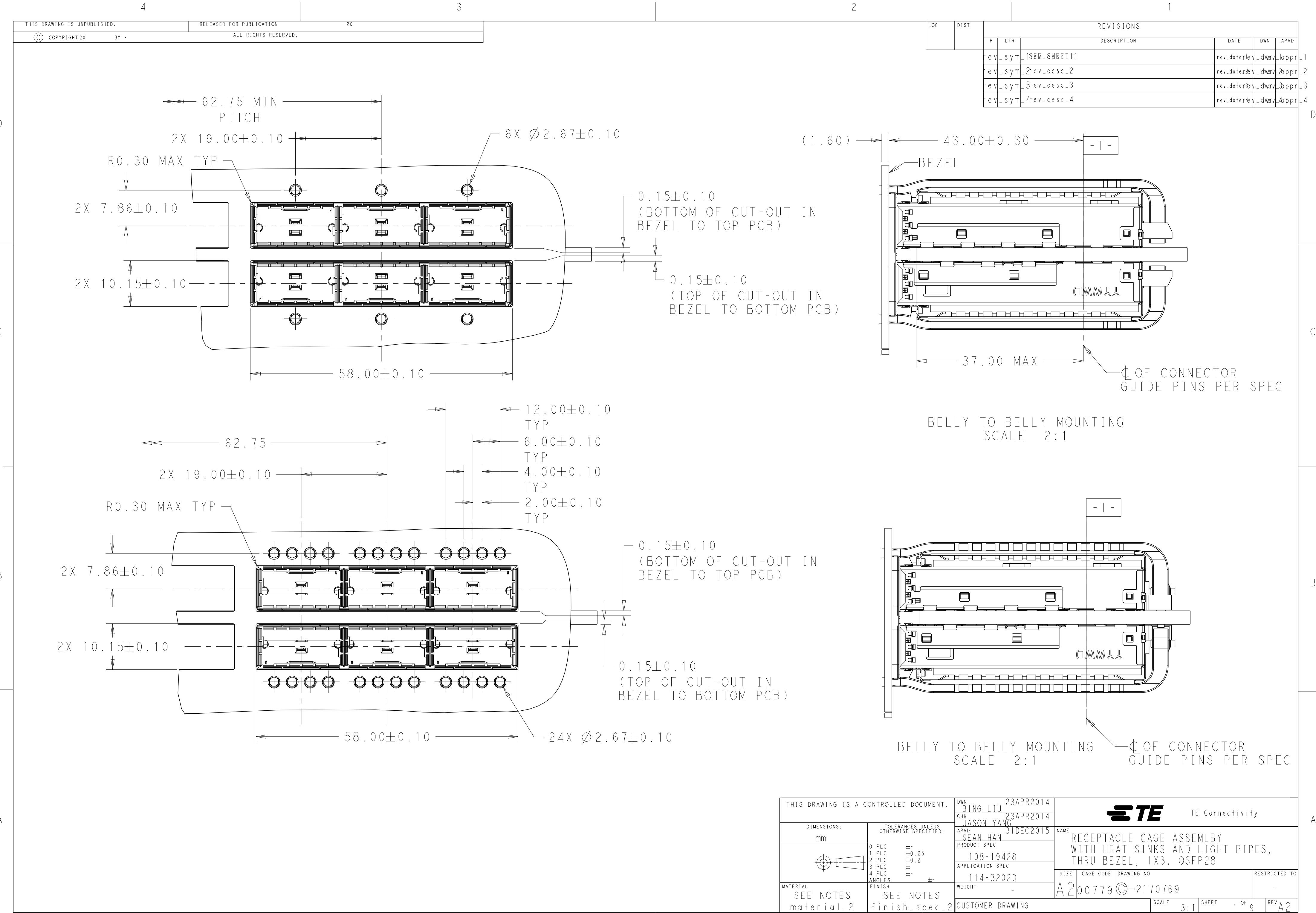


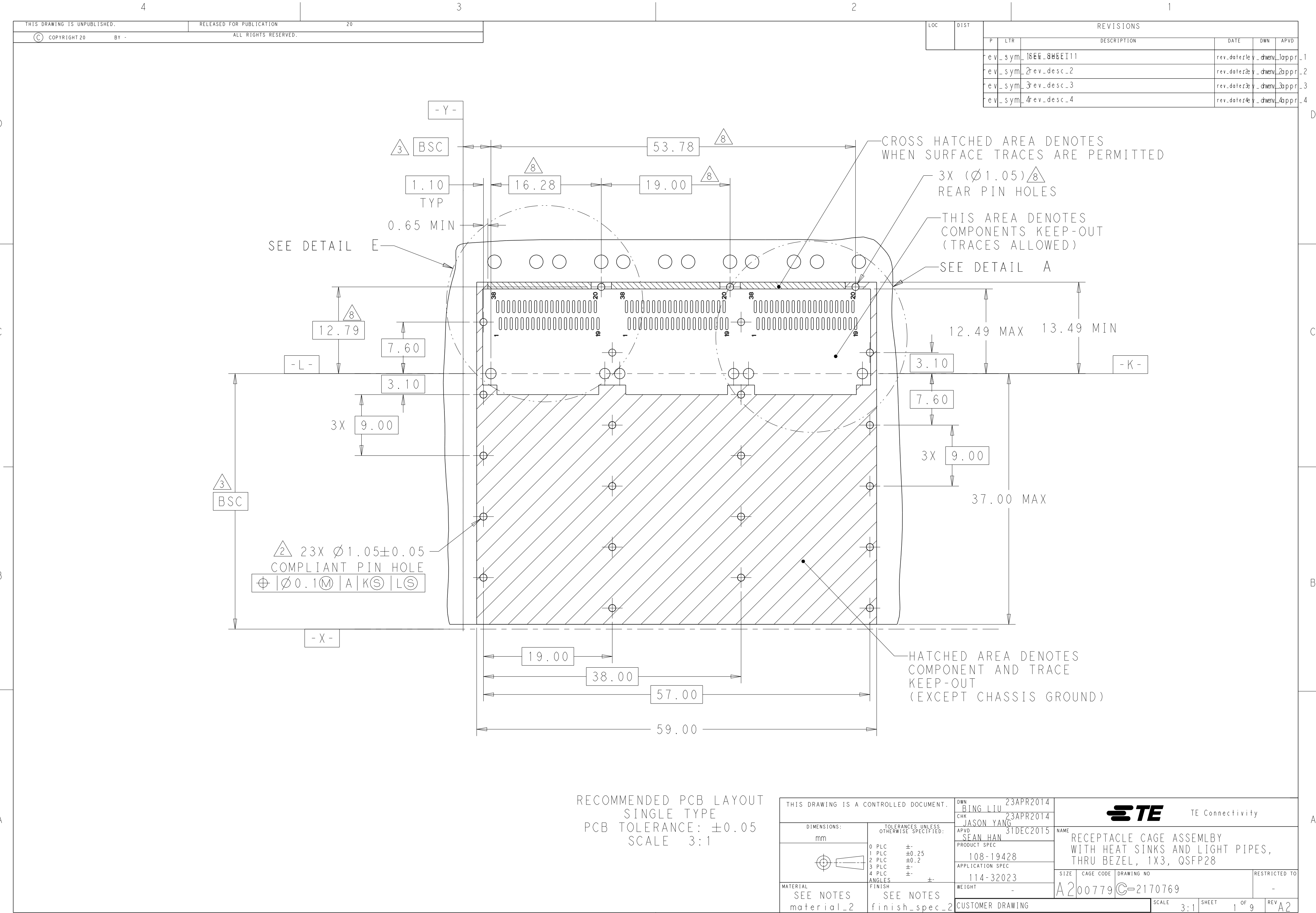
SINGLE SIDE MOUNTING
SCALE 2:1



SINGLE SIDE MOUNTING
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BING LIU 23APR2014	TE Connectivity				
DIMENSIONS: mm		CHK JASON YANG 23APR2014					
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.25 2 PLC ±0.2 3 PLC ±- 4 PLC ±- ANGLES ±-	APVD SEAN HAN 31DEC2015	NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X3, QSFP28				
		PRODUCT SPEC 108-19428					
		MATERIAL SEE NOTES material_2		APPLICATION SPEC 114-32023	SIZE A200779		DRAWING NO C-2170769
FINISH SEE NOTES finish_spec_2		WEIGHT -					
CUSTOMER DRAWING			SCALE 3:1		SHEET 1 OF 9		REV A2

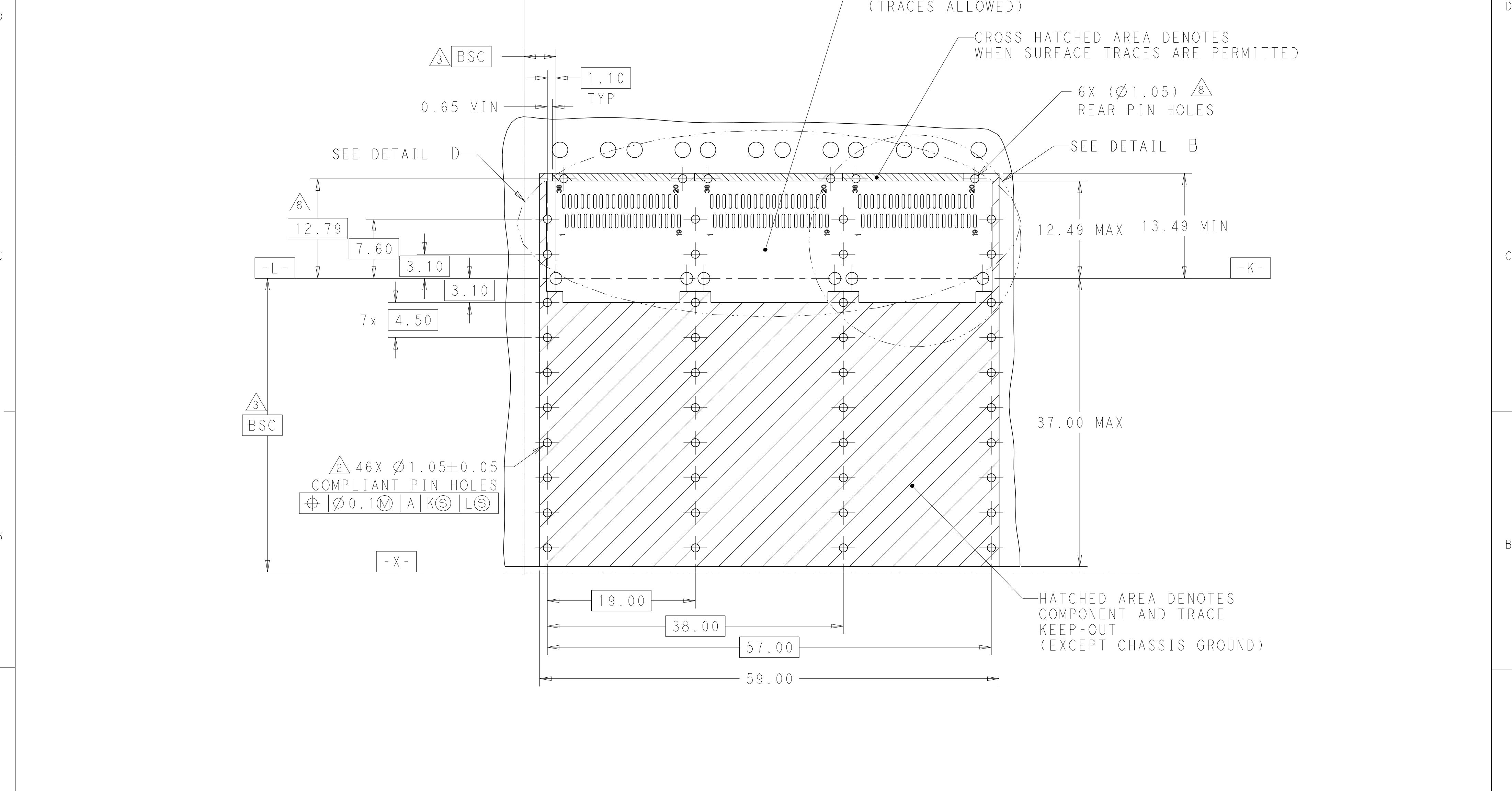




RECOMMENDED PCB LAYOUT
SINGLE TYPE
PCB TOLERANCE: ± 0.05
SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BING LIU 23APR2014	TE Connectivity			
DIMENSIONS: mm		CHK JASON YANG 23APR2014				
		APVD SEAN HAN 31DEC2015	NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X3, QSFP28			
		PRODUCT SPEC 108-19428	SIZE A2			
MATERIAL SEE NOTES material_2		APPLICATION SPEC 114-32023	CAGE CODE 00779		DRAWING NO C-2170769	RESTRICTED TO -
FINISH SEE NOTES finish_spec_2		WEIGHT -	CUSTOMER DRAWING		SCALE 3:1	SHEET 1 OF 9
					REV A2	

P	LTR	DESCRIPTION	DATE	DWN	APVD
rev_sym_1	1866-845E11		rev_date_1	rev_dwn_1	rev_appr_1
rev_sym_2	rev_desc_2		rev_date_2	rev_dwn_2	rev_appr_2
rev_sym_3	rev_desc_3		rev_date_3	rev_dwn_3	rev_appr_3
rev_sym_4	rev_desc_4		rev_date_4	rev_dwn_4	rev_appr_4



RECOMMENDED PCB LAYOUT
BELLY TO BELLY TYPE
PCB TOLERANCE: ±0.05
SCALE 3:1

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 ±

MATERIAL
SEE NOTES
material_2

FINISH
SEE NOTES
finish_spec_2

DWN BING LIU 23APR2014

CHK JASON YANG 23APR2014

APVD SEAN HAN 31DEC2015

PRODUCT SPEC 108-19428

APPLICATION SPEC 114-32023

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X3, QSFP28

SIZE A2

CAGE CODE 00779

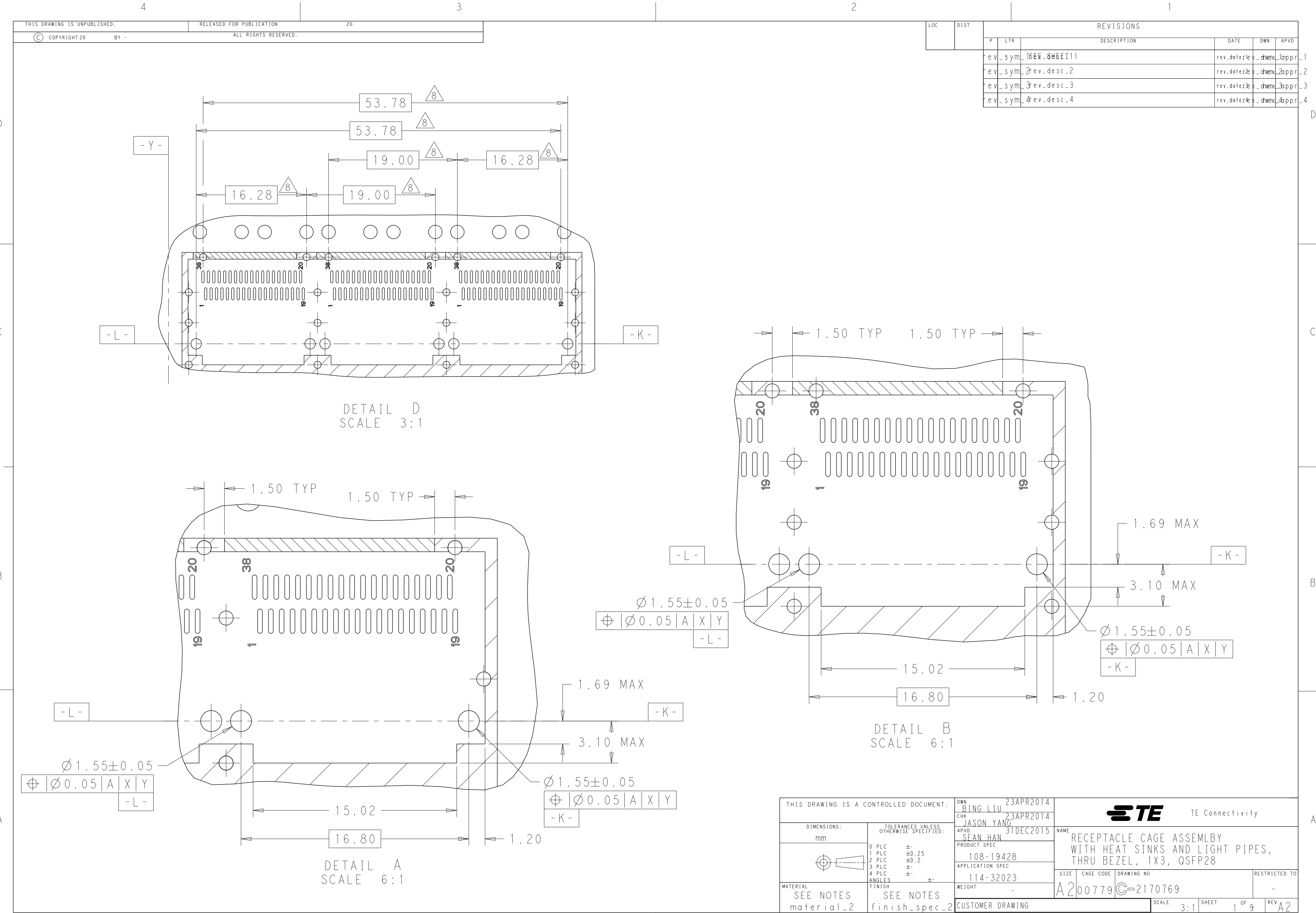
DRAWING NO C-2170769

RESTRICTED TO -

SCALE 3:1

SHEET 1 OF 9

REV A2



LOC	DIST	REVISONS					
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		rev_sym	2	rev_desc_2	rev_date2	rev_dwn2	2app pr
		rev_sym	3	rev_desc_3	rev_date3	rev_dwn3	3app pr
		rev_sym	4	rev_desc_4	rev_date4	rev_dwn4	4app pr

