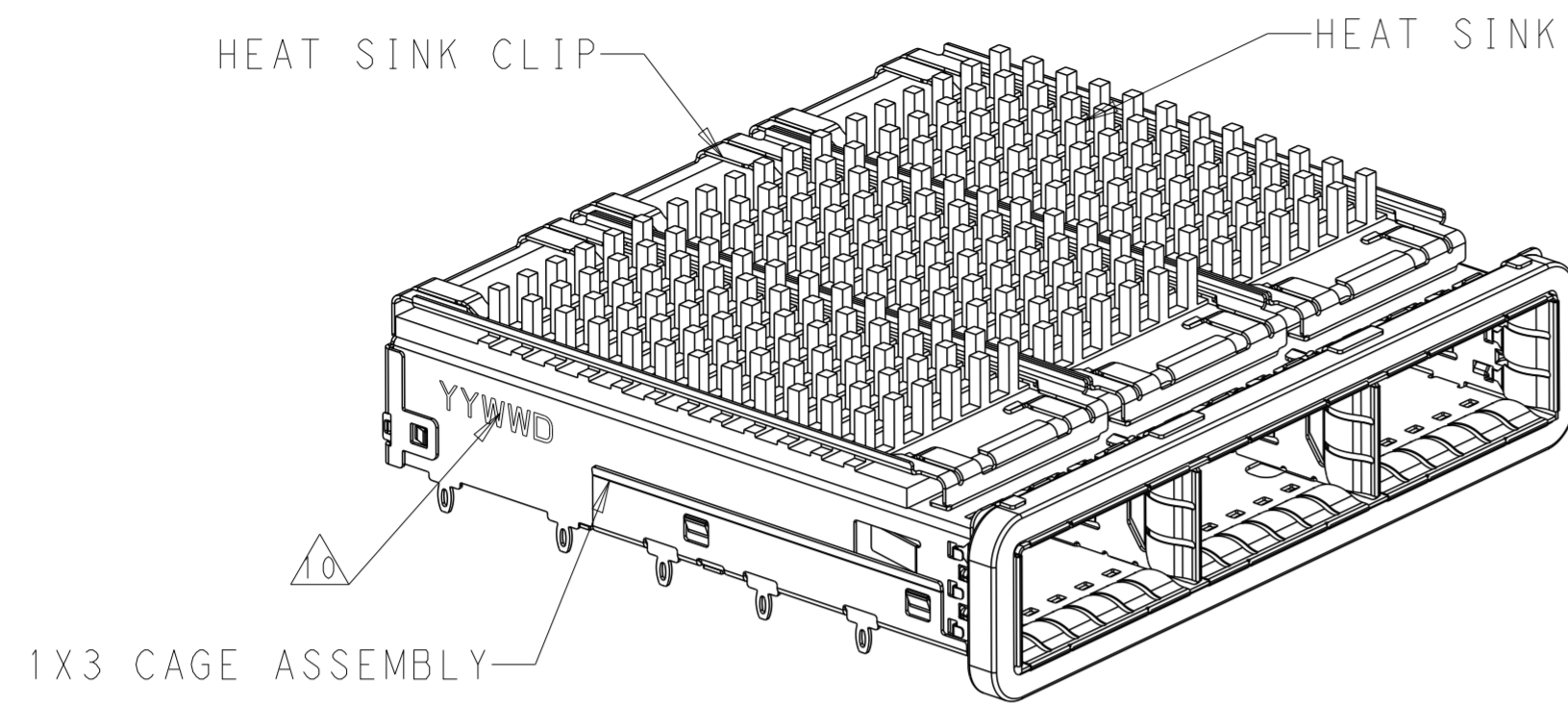
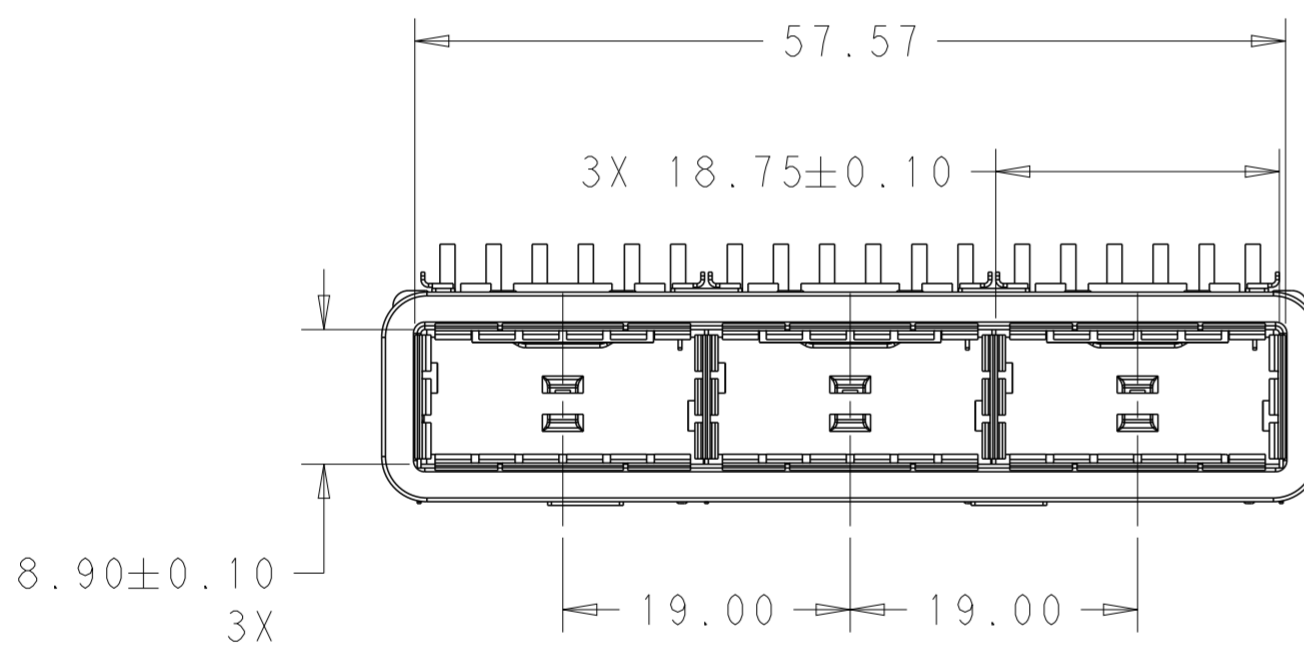


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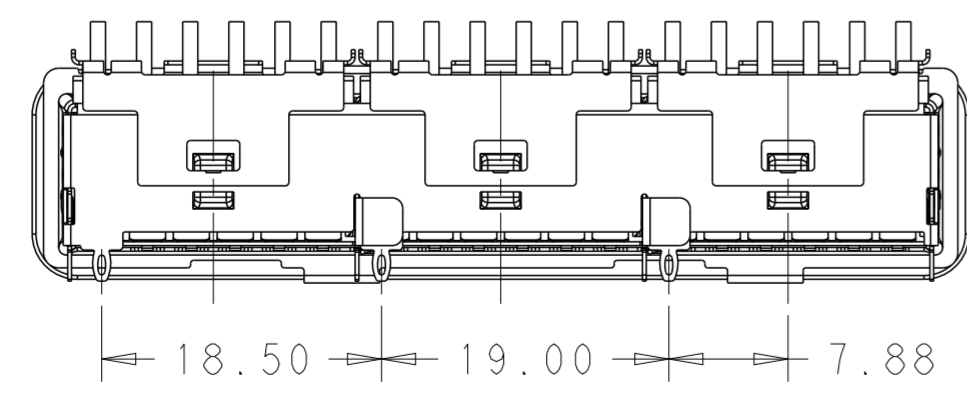
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GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		A		RELEASE	31DEC2015	JY	SH
		A1		REVISED PER ECN-22-163746	11JUL2022	IT	SZ



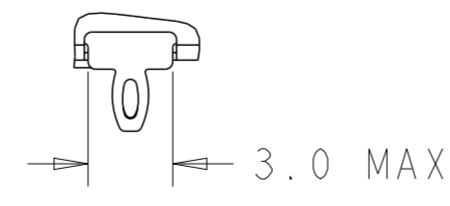
2170768-2 AS SHOWN
SCALE 2:1



SCALE 2:1

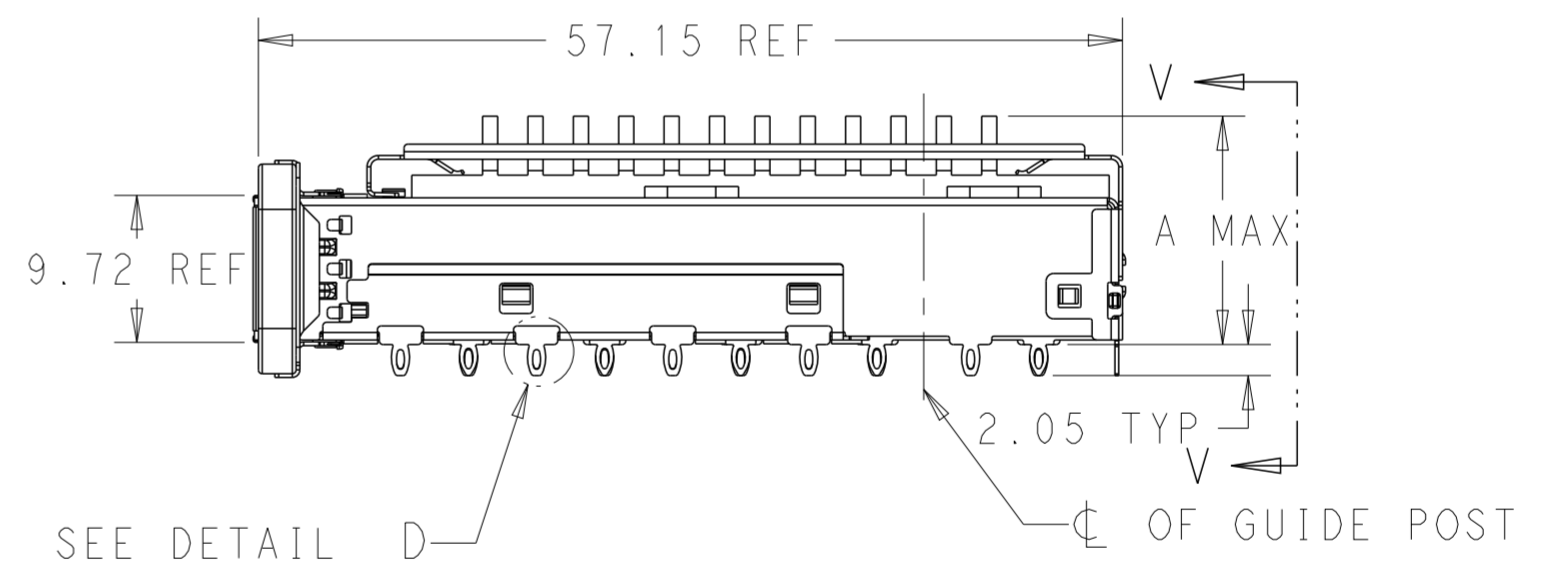


VIEW V-V
SCALE 2:1



DETAIL D
SCALE 4:1

- COMPONENTS
 CAGE ASSEMBLY: NICKEL-SILVER ALLOY
 HEAT SINK: ALUMINUM/BLACK ANODIZE
 HEAT SINK CLIP: STAINLESS STEEL
 EMI GASKET: CONDUCTIVE RUBBER
- 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.



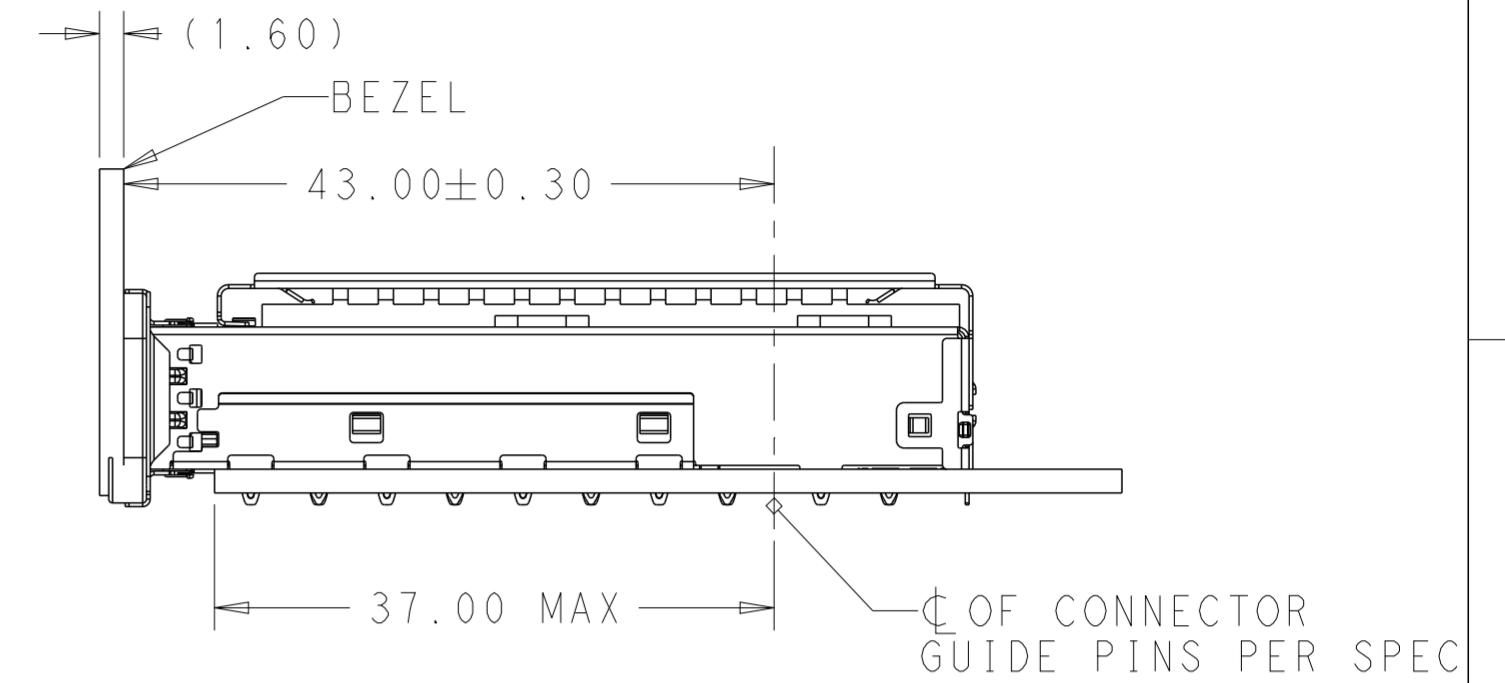
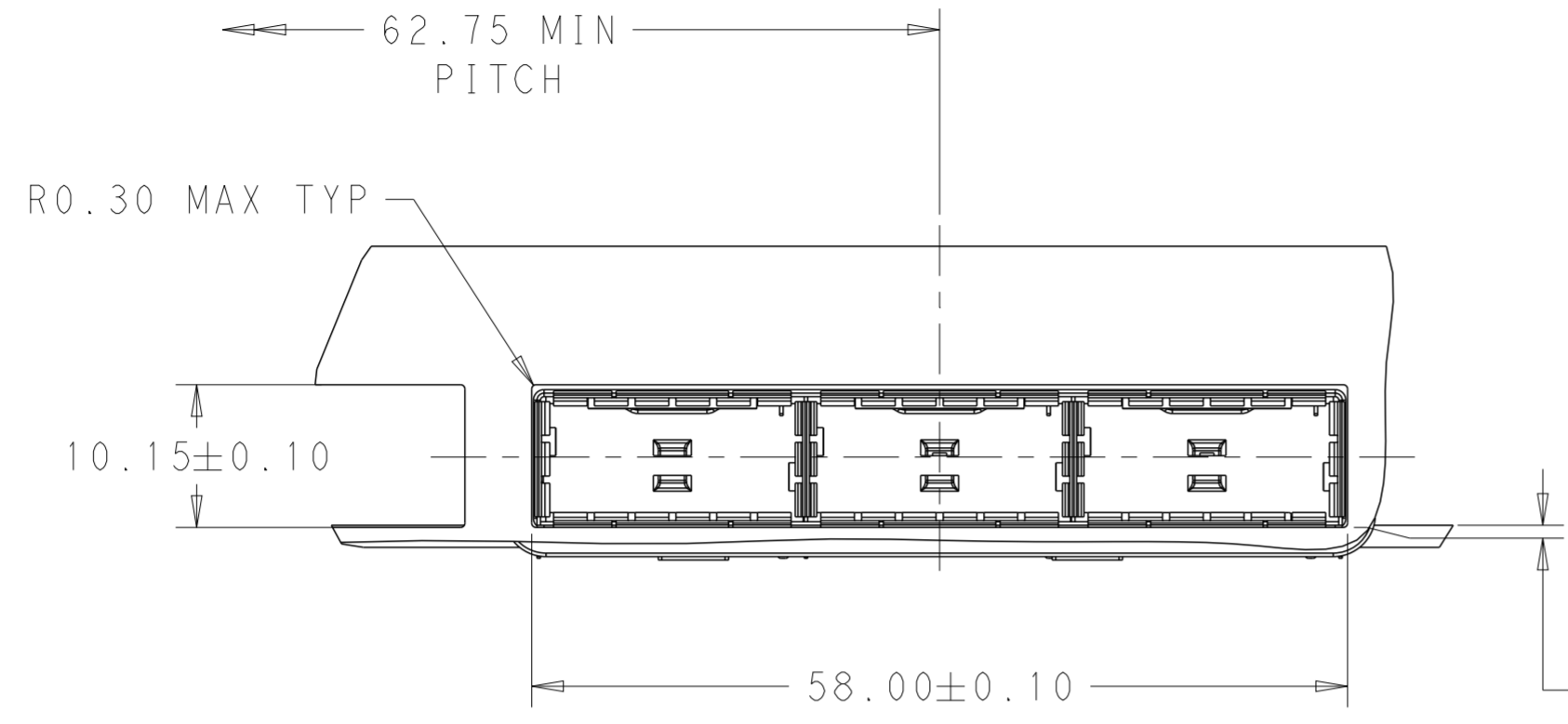
SEE DETAIL D

23.0	WITHOUT	NETWORKING	2170768-6
16.0	WITHOUT	SAN	2170768-5
13.7	WITHOUT	PCI	2170768-4
23.0	WITH	NETWORKING	2170768-3
16.0	WITH	SAN	2170768-2
13.7	WITH	PCI	2170768-1
DIM A	REAR PINS OPTIONAL	APPLICATION	PART NUMBER

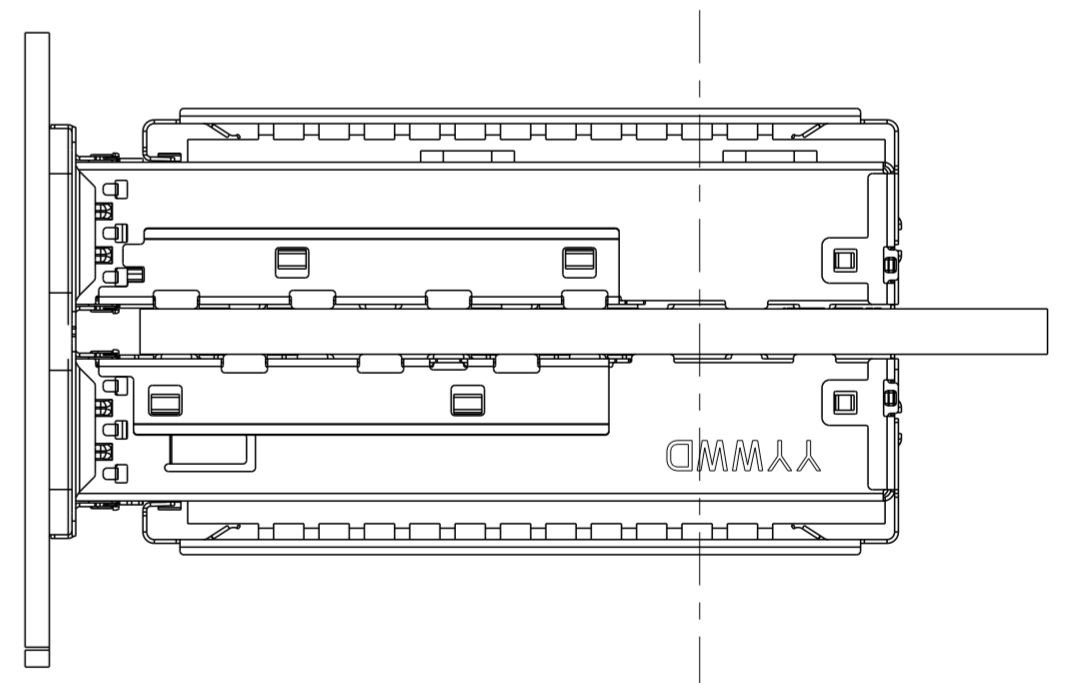
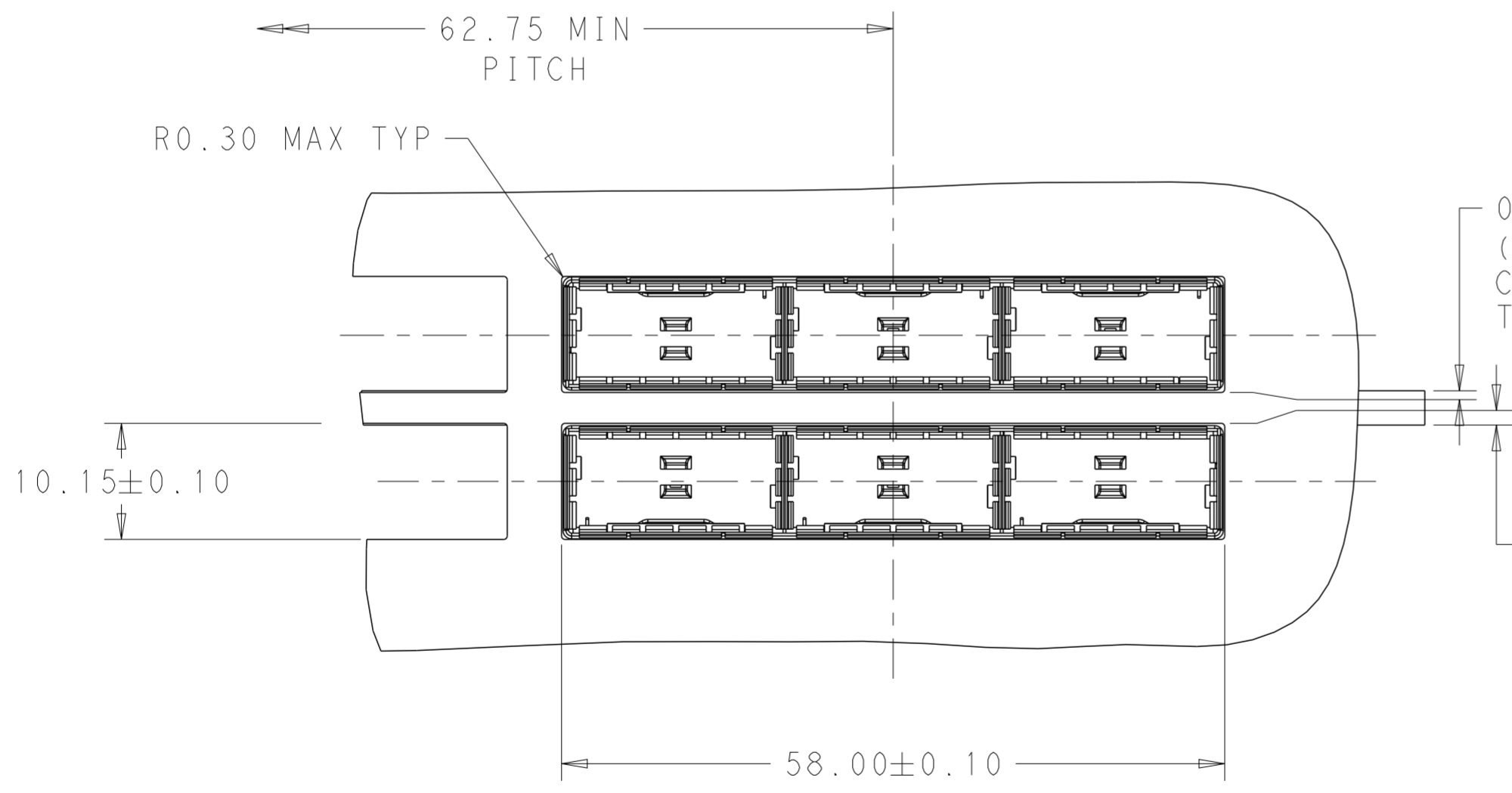
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BING LIU 22APR2014	TE Connectivity	
DIMENSIONS: mm		CHK JASON YANG 22APR2014		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SEAN HAN 31DEC2015	NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS, THRU BEZEL, 1X3, QSFP28	
0 PLC ±	1 PLC ±0.25	PRODUCT SPEC 108-19428	SIZE A2	CAGE CODE 00779
2 PLC ±0.2	3 PLC ±	APPLICATION SPEC 114-32023	DRAWING NO C-2170768	RESTRICTED TO -
4 PLC ±	ANGLES ±	WEIGHT -	SCALE 1:1	SHEET 1 OF 5
FINISH ±	SEE NOTES	CUSTOMER DRAWING	REV A1	

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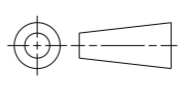
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
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rev_sym_2	rev_desc_2			rev.date2	rev.dwn2	rev.apvd2	
rev_sym_3	rev_desc_3			rev.date3	rev.dwn3	rev.apvd3	
rev_sym_4	rev_desc_4			rev.date4	rev.dwn4	rev.apvd4	



SINGLE SIDE MOUNTING
SCALE 2:1

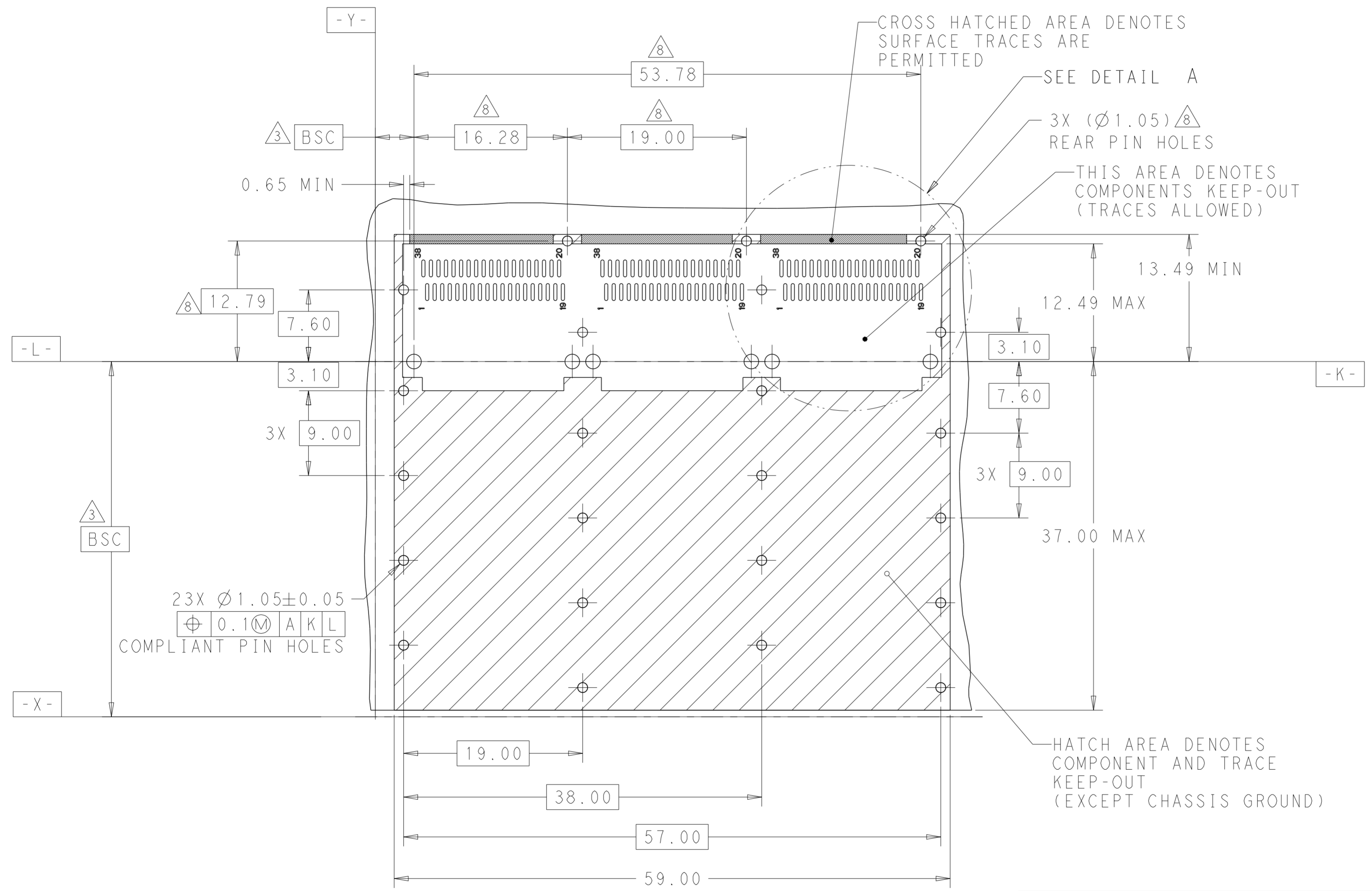


BELLY TO BELLY MOUNTING
SCALE 2:1

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DIMENSIONS: mm		CHK JASON YANG 22APR2014		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SEAN HAN 31DEC2015	NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS, 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-2170768
FINISH SEE NOTES finish_spec_2		WEIGHT -	RESTRICTED TO -	SCALE 1:1
Customer Drawing		SHEET 2	OF 5	REV A1

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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
rev_sym_1	16E6-8HBEI11		rev.date	rev.dwn	rev.appr	.1	
rev_sym_2	rev_desc_2		rev.date	rev.dwn	rev.appr	.2	
rev_sym_3	rev_desc_3		rev.date	rev.dwn	rev.appr	.3	
rev_sym_4	rev_desc_4		rev.date	rev.dwn	rev.appr	.4	

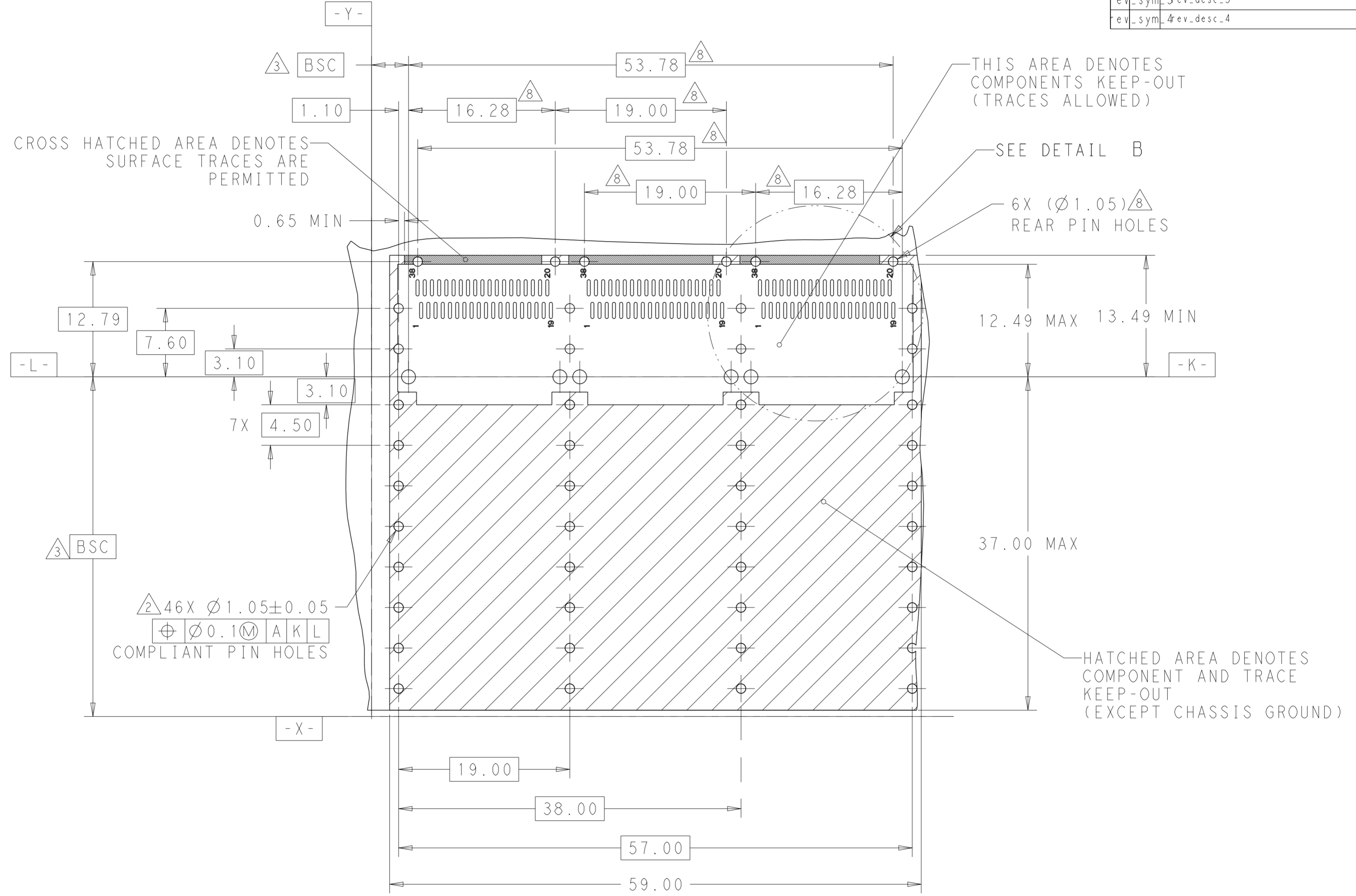


RECOMMENDED PCB LAYOUT
 SINGLE TYPE
 PCB TOLERANCE: ±0.05
 SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BING LIU 22APR2014	TE Connectivity
DIMENSIONS: mm		CHK JASON YANG 22APR2014	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SEAN HAN 31DEC2015	NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS, THRU BEZEL, 1X3, QSFP28
0 PLC ± 1 PLC ±0.25 2 PLC ±0.2 3 PLC ± 4 PLC ± ANGLES ±		PRODUCT SPEC 108-19428	SIZE A2
MATERIAL SEE NOTES material_2		APPLICATION SPEC 114-32023	CAGE CODE 00779
FINISH SEE NOTES finish_spec_2		WEIGHT -	DRAWING NO C-2170768
		Customer Drawing	RESTRICTED TO -
		SCALE 1:1	SHEET 3 OF 5
			REV A1

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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
rev_sym_1	16EW-8HBEI11		rev.date	rev.dwn	rev.appr	.1	
rev_sym_2	rev_desc_2		rev.date	rev.dwn	rev.appr	.2	
rev_sym_3	rev_desc_3		rev.date	rev.dwn	rev.appr	.3	
rev_sym_4	rev_desc_4		rev.date	rev.dwn	rev.appr	.4	

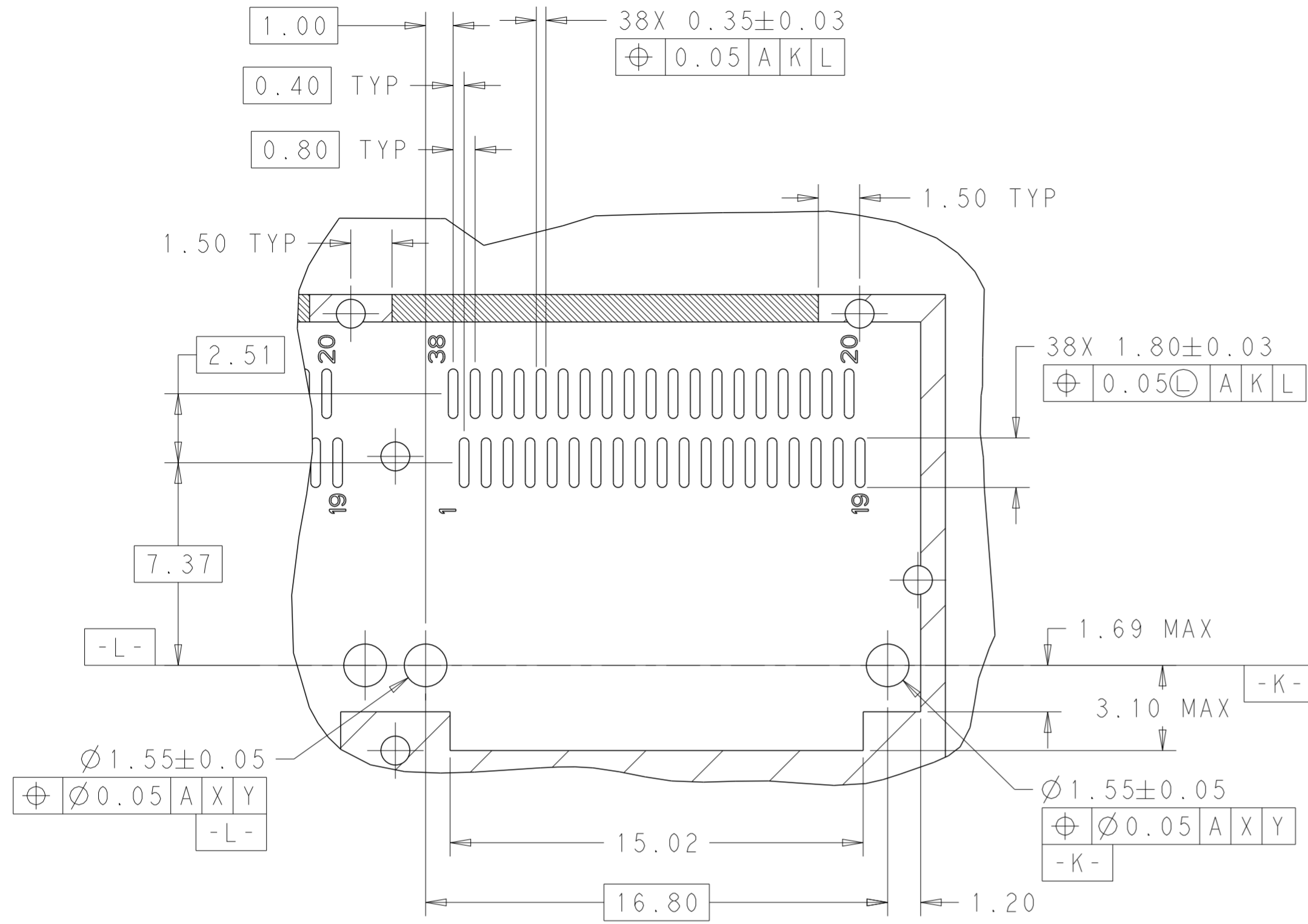


RECOMMENDED PCB LAYOUT
 BELLY TO BELLY TYPE
 PCB TOLERANCE: ±0.05
 SCALE 3:1

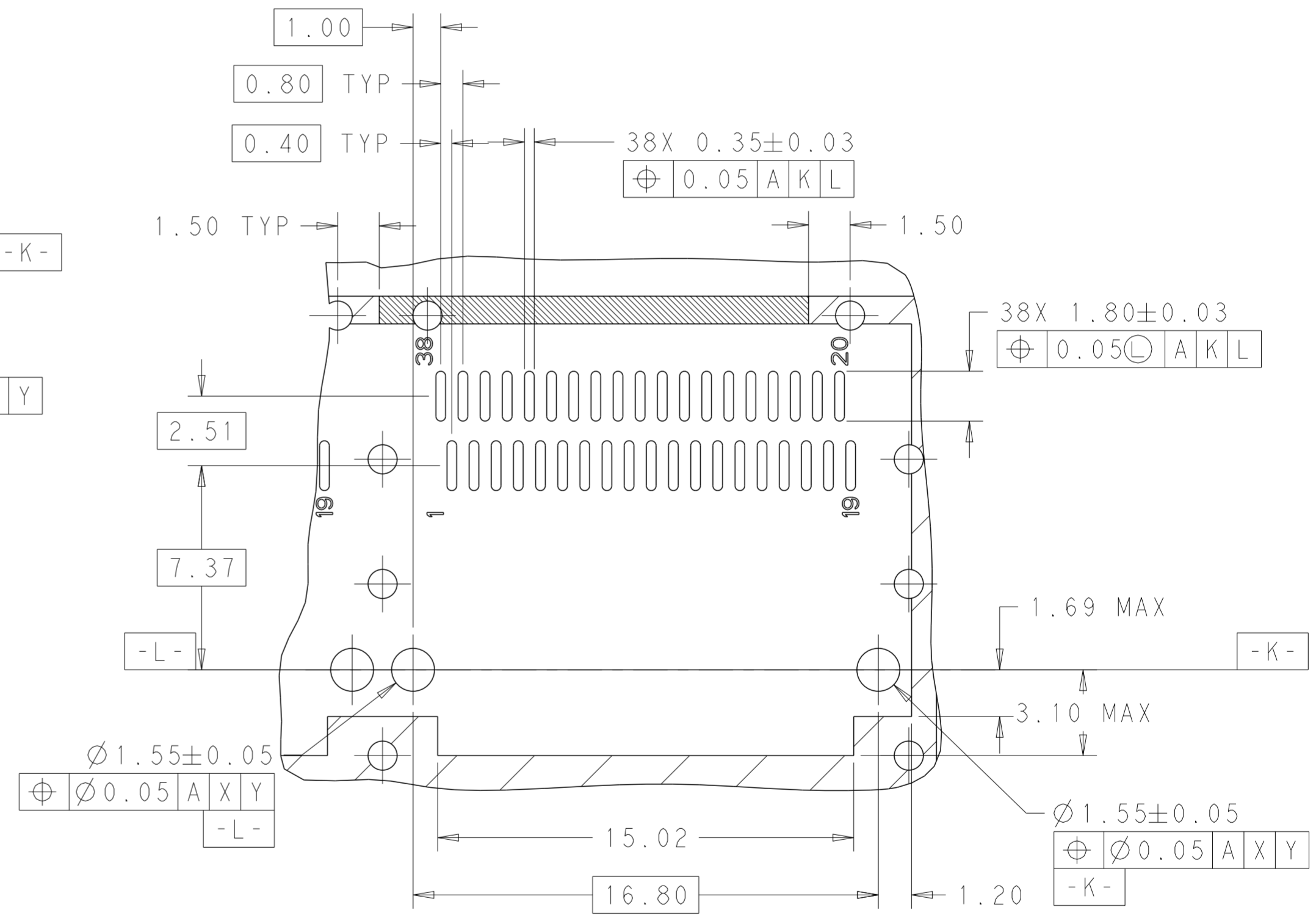
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BING LIU 22APR2014	TE Connectivity	
DIMENSIONS: mm		CHK JASON YANG 22APR2014		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SEAN HAN 31DEC2015	NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS, THRU BEZEL, 1X3, QSFP28	
0 PLC ± 1 PLC ±0.25 2 PLC ±0.2 3 PLC ± 4 PLC ± ANGLES ±		PRODUCT SPEC 108-19428	SIZE A2	
MATERIAL SEE NOTES material_2		APPLICATION SPEC 114-32023	CAGE CODE 00779	DRAWING NO C-2170768
FINISH SEE NOTES finish_spec_2		WEIGHT -	RESTRICTED TO -	
		Customer Drawing		SCALE 1:1 SHEET 4 OF 5 REV A1

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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
rev_sym_1	16EE-8HBEI11					rev.date	rev.dwn
rev_sym_2	rev_desc_2					rev.date	rev.dwn
rev_sym_3	rev_desc_3					rev.date	rev.dwn
rev_sym_4	rev_desc_4					rev.date	rev.dwn



DETAIL A
SCALE 6:1



DETAIL B
SCALE 6:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BING LIU 22APR2014	STE TE Connectivity	
		CHK JASON YANG 22APR2014		
DIMENSIONS: mm		APVD SEAN HAN 31DEC2015	NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS, THRU BEZEL, 1X3, QSFP28	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.25 2 PLC ±0.2 3 PLC ± 4 PLC ± ANGLES ±		PRODUCT SPEC 108-19428	SIZE A2	
MATERIAL SEE NOTES material_2		APPLICATION SPEC 114-32023	CAGE CODE 00779	DRAWING NO C-2170768
FINISH SEE NOTES finish_spec_2		WEIGHT -	RESTRICTED TO -	SCALE 1:1 SHEET 5 OF 5 REV A1
		Customer Drawing		