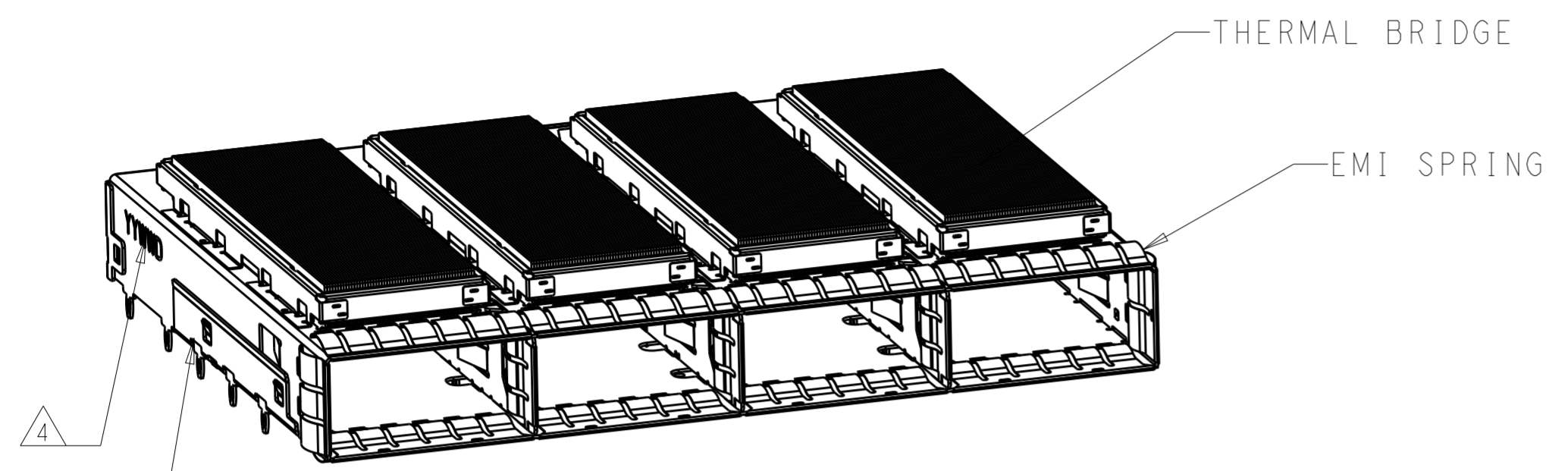


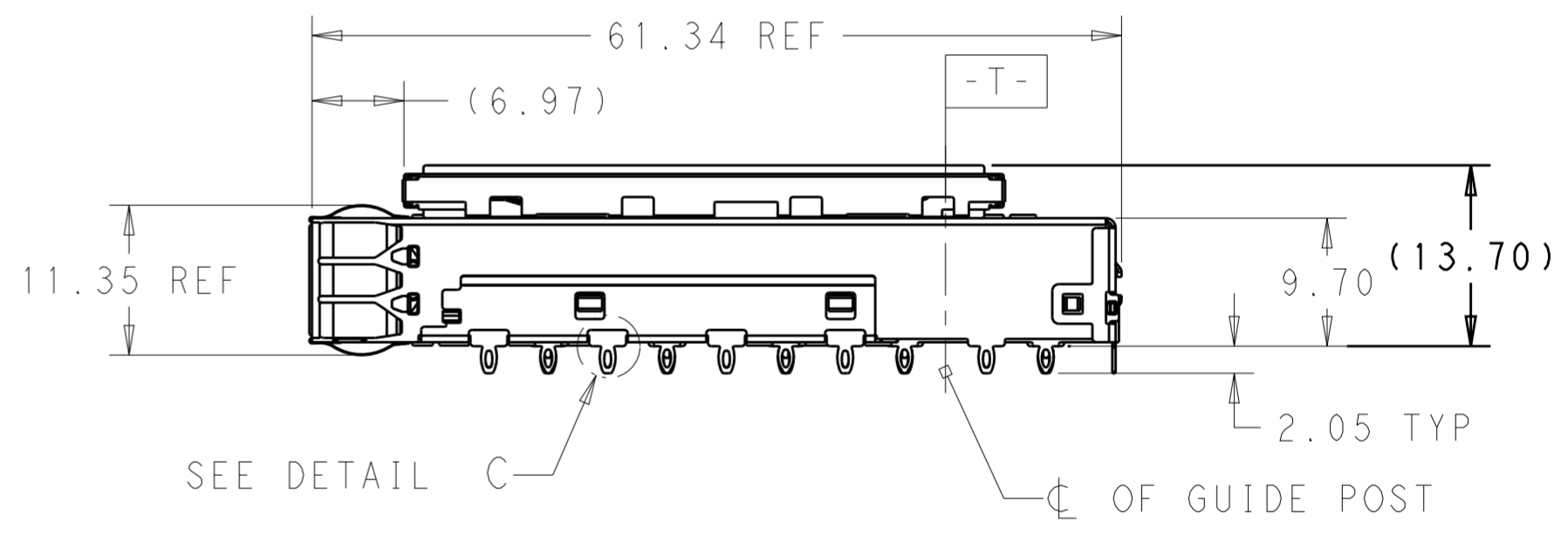
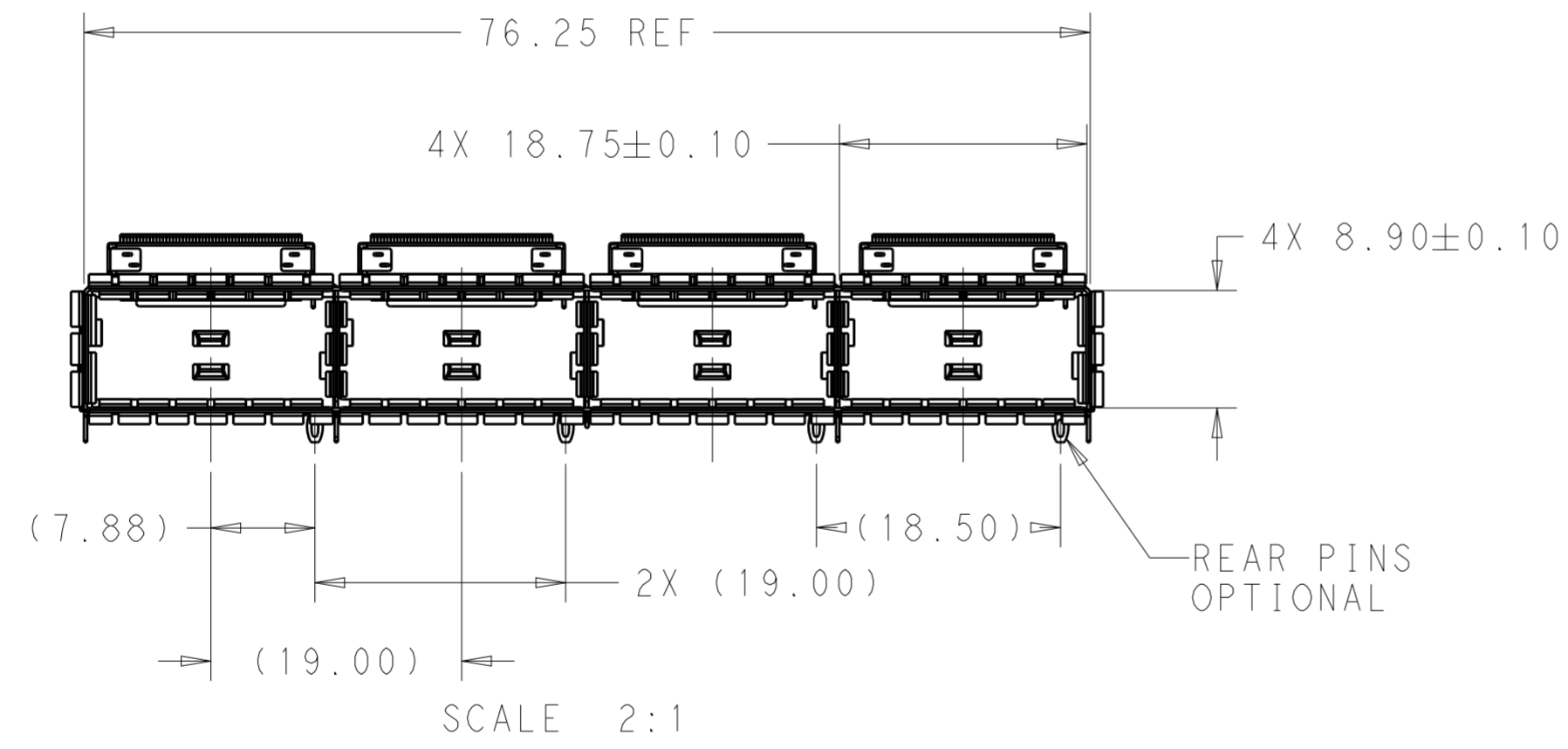
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1		PRELIMINARY DRAWING	25APR2019	LL SH
1		CHANGE TB	17SEP2019	VL SH

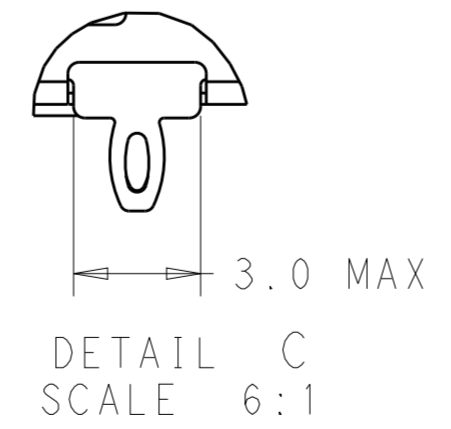


2354935-1 AS SHOWN
SCALE 2:1

- COMPONENTS
 CAGE ASSEMBLY: NICKEL-SILVER ALLOY
 EMI SPRING: COPPER ALLOY / NICKEL PLATING
 THERMAL BRIDGE: COPPER ALLOY / NICKEL PLATING
- REFERENCE APPLICATION SPECIFICATION 114-32023 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS
- DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER
- DATE CODE (YYWWD) MARKED APPROXIMATELY AS SHOWN.
- MATES WITH QSFP28 MSA COMPATIBLE TRANSCEIVER.
- MINIMUM PC BOARD THICKNESS: SINGLE SIDED: 1.57 MIN
DOUBLE SIDED: 2.20 MIN
- DATUM **-A-** IS TOP SURFACE OF THE HOST BOARD.
- THESE HOLES ARE OPTIONAL WHEN THE REAR PINS ARE REMOVED.
- RECOMMENDED STANDOFF HEIGHT FOR COLD PLATE:
 OPTION 1: 13.50 +/-0.20 MM WITH THERMAL GREASE, THERMAL GREASE THICKNESS: 0.10 +/-0.05MM.
 OPTION 2: 13.40 +/-0.20 MM, WITHOUT THERMAL GREASE.
- STANDOFF HEIGHT MAY BE SUBJECT TO CHANGE.



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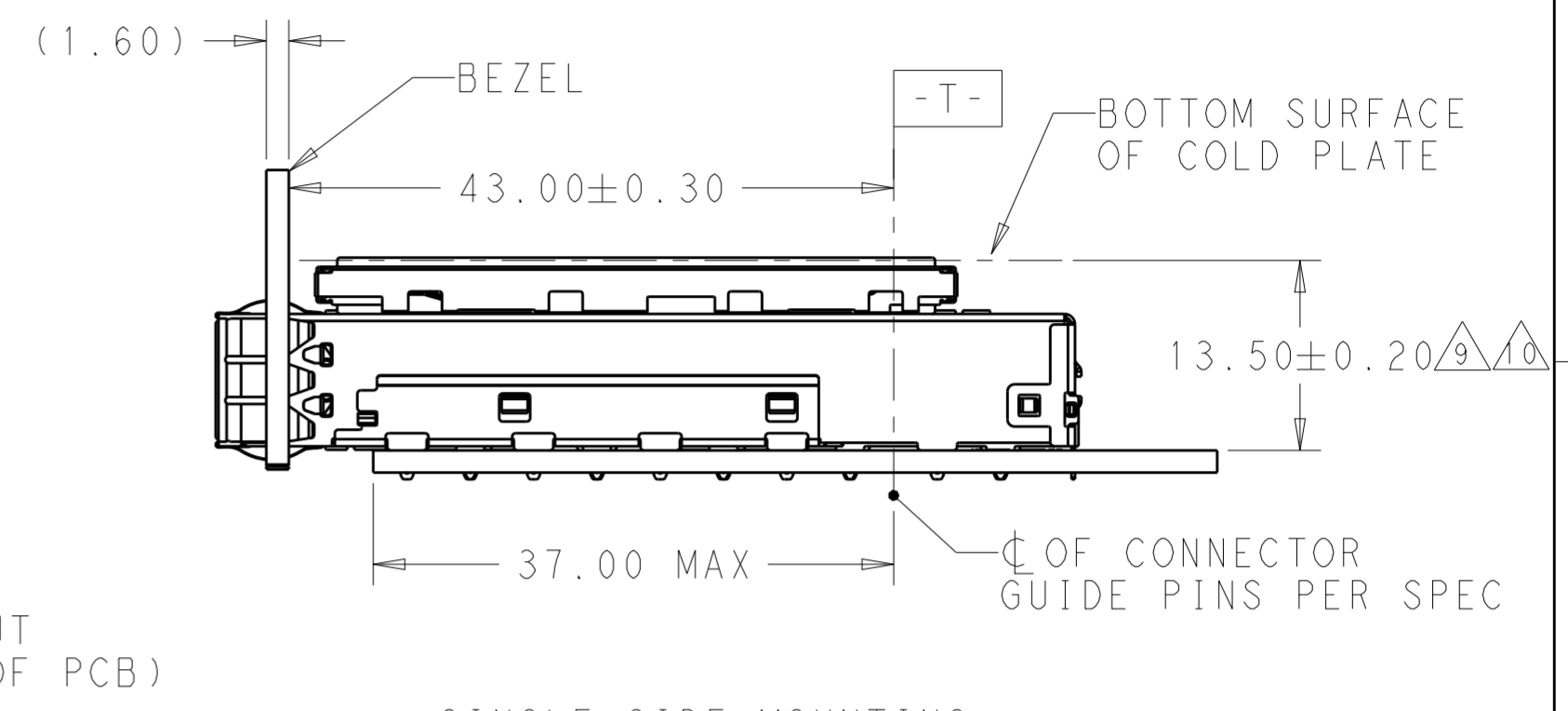
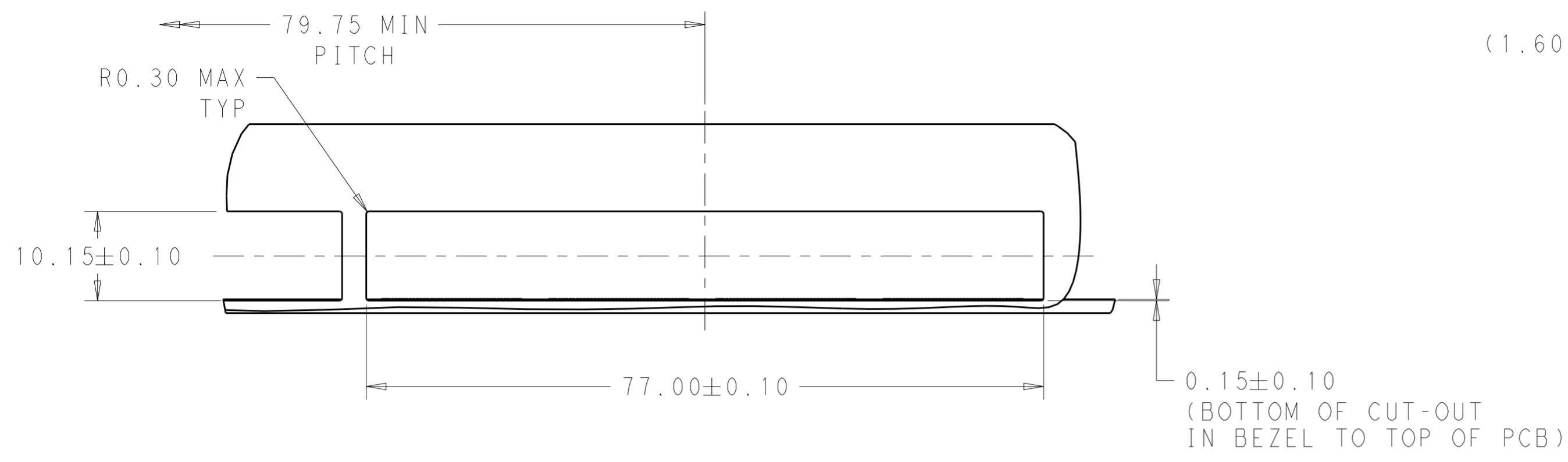


THERMAL BRIDGE	2354935-1
HEAT SINK	PART NUMBER

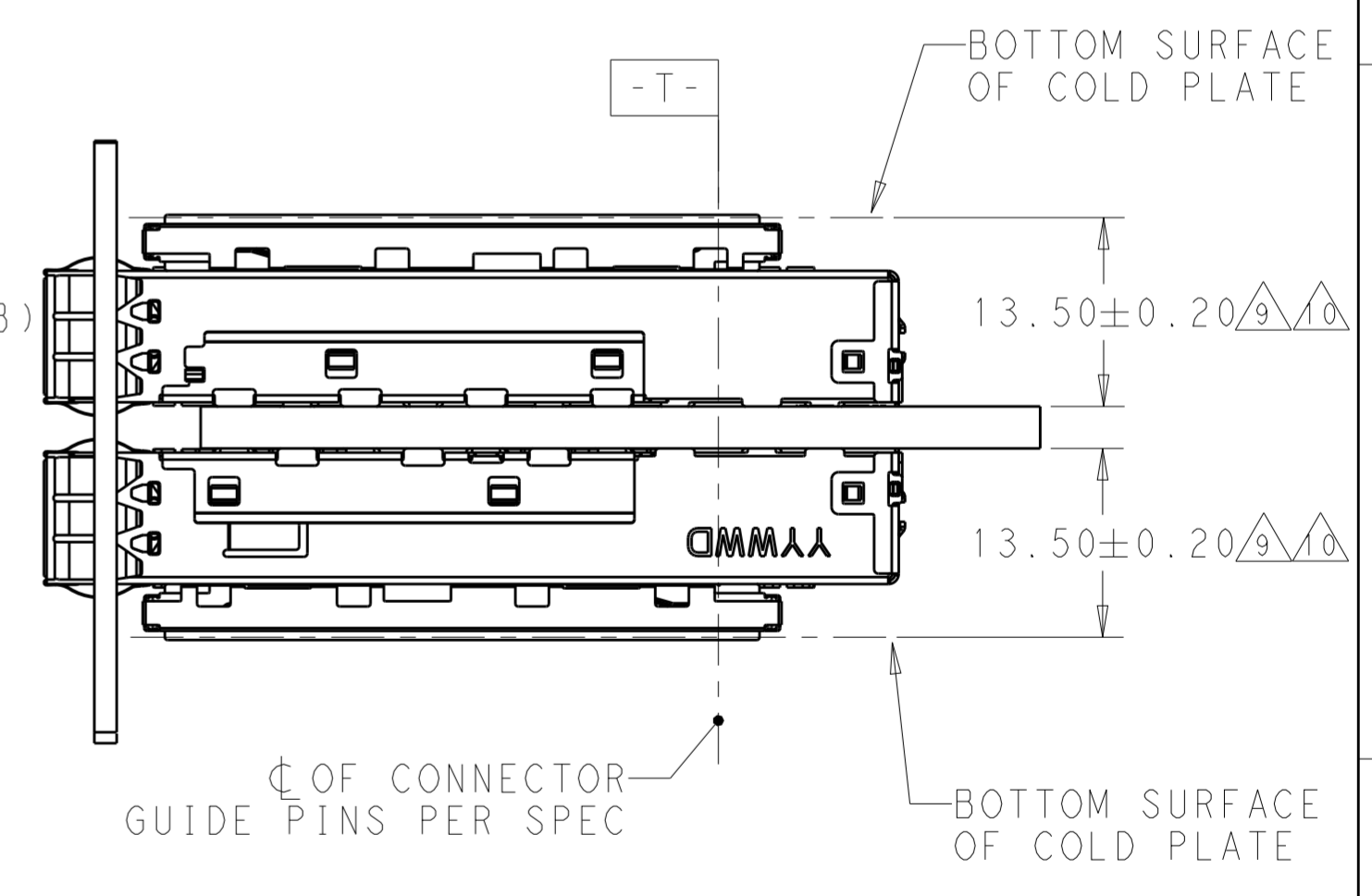
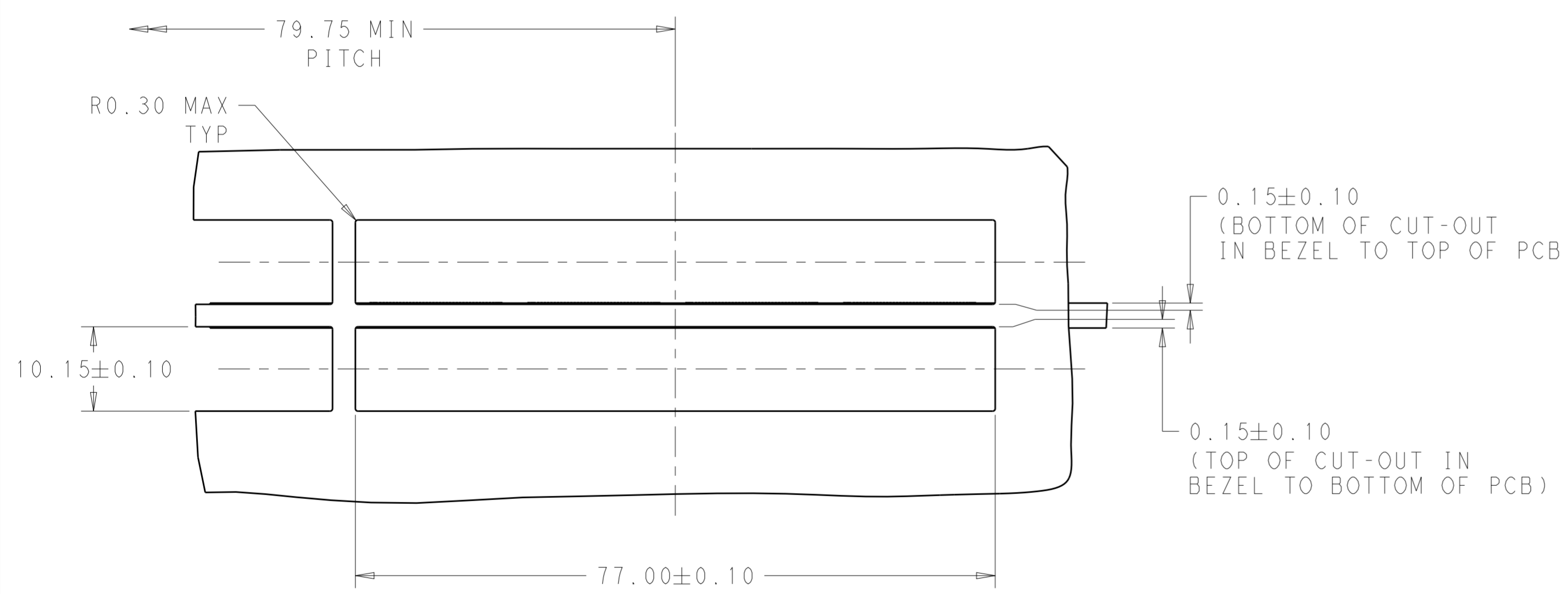
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN LEO LI 25APR2019	TE Connectivity	
DIMENSIONS: mm		CHK SEAN HAN 25APR2019	RECEPTACLE CAGE ASSEMBLY THRU BEZEL, 1X4, QSFP28, TB	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SEAN HAN 25APR2019	-	
0 PLC ±	1 PLC ±0.25	PRODUCT SPEC	108-19428	
2 PLC ±0.2	3 PLC ±	APPLICATION SPEC	114-32023	
4 PLC ±	ANGLES ±	WEIGHT	-	
FINISH		CUSTOMER DRAWING		
MATERIAL SEE NOTES		SIZE A2	CAGE CODE 00779	DRAWING NO C-2354935
SCALE 1:1		SHEET 1 OF 6 REV 2		

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-	-	SEE SHEET 1	-	-



SINGLE SIDE MOUNTING
SCALE 2:1



BELLY TO BELLY MOUNTING
SCALE 2:1

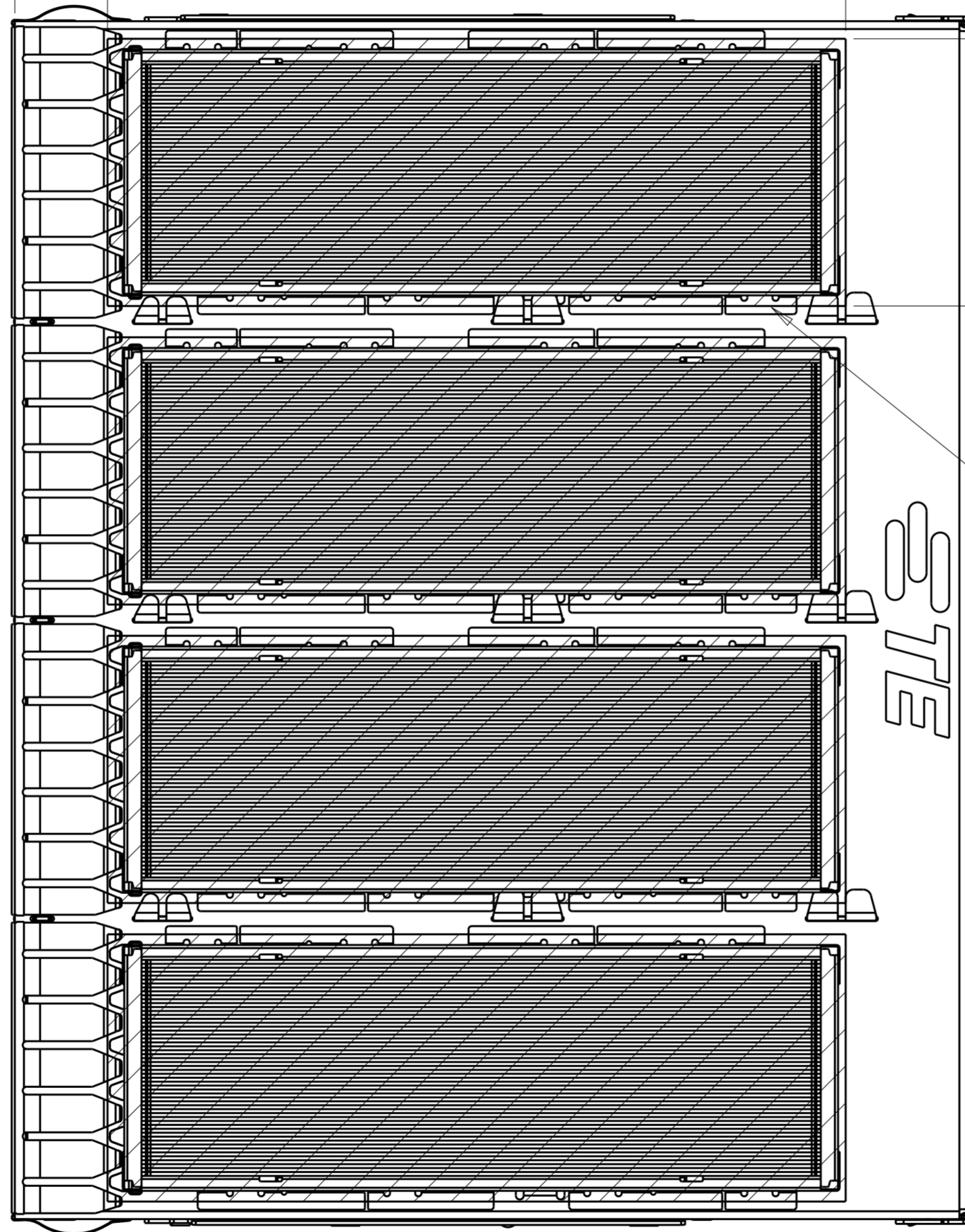
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DIMENSIONS: mm		CHK SEAN HAN 25APR2019		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SEAN HAN 25APR2019	NAME RECEPTACLE CAGE ASSEMBLY THRU BEZEL, 1X4, QSFP28, TB	
0 PLC ±	1 PLC ±0.25	PRODUCT SPEC 108-19428	SIZE A200779	DRAWING NO C-2354935
2 PLC ±0.2	3 PLC ±	APPLICATION SPEC 114-32023	RESTRICTED TO	
4 PLC ±	ANGLES ±	WEIGHT -	SCALE 1:1	SHEET 2 OF 6
MATERIAL SEE NOTES	FINISH SEE NOTES	CUSTOMER DRAWING	REV 2	

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-		SEE SHEET 1	-	-

4X 52.90 MAX
 4X 5.90 MIN
 4X 17.01
 CENTERED ON EACH PORT



COMPONENT KEEP OUT AREA
 EXCEPT FOR COLD PLATE
 BOTTOM SURFACE

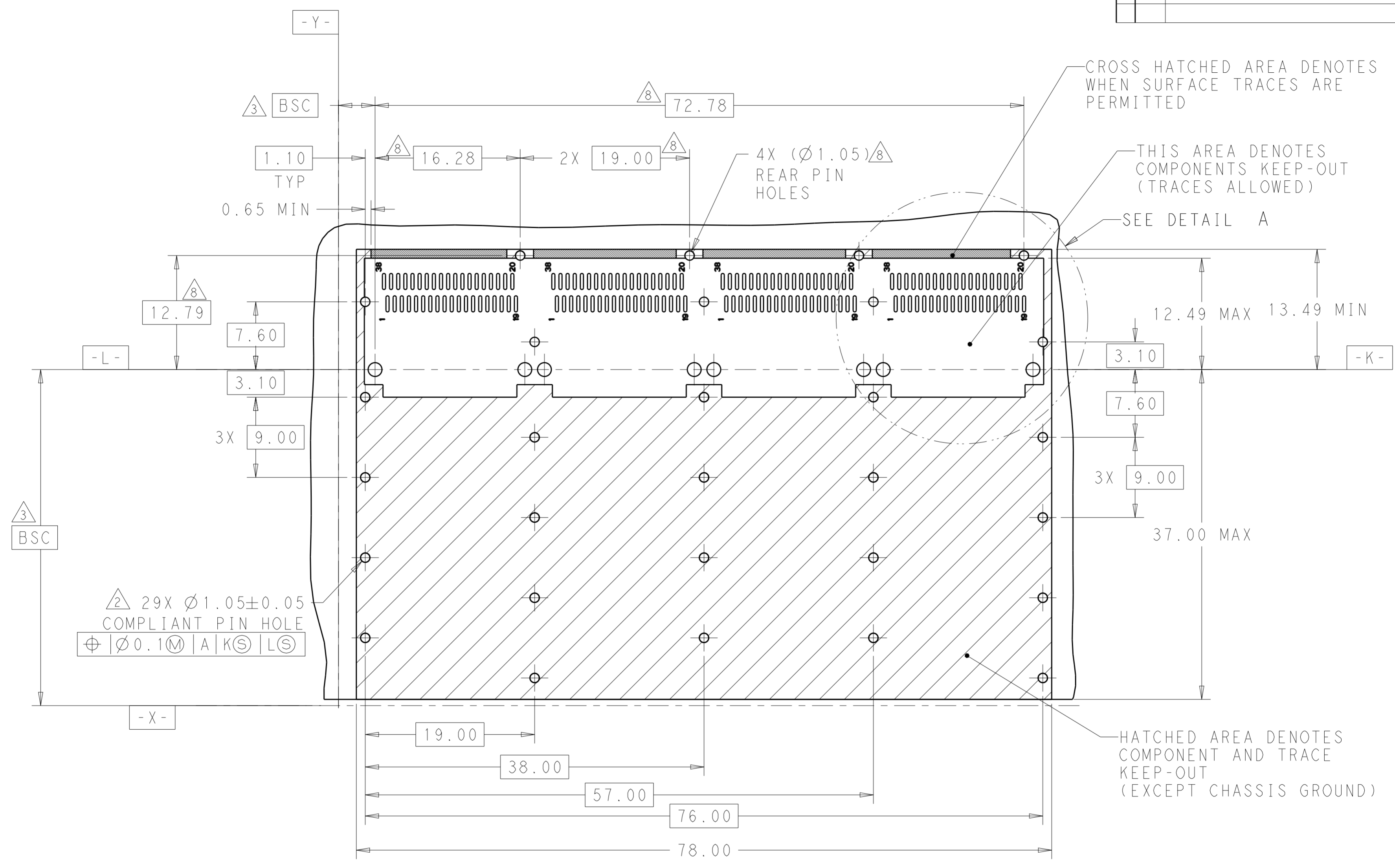
COMPONENT KEEP OUT AREA FOR THERMAL BRIDGE
 SCALE 3:1

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DIMENSIONS: mm		CHK SEAN HAN 25APR2019		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SEAN HAN 25APR2019	NAME RECEPTACLE CAGE ASSEMBLY THRU BEZEL, 1X4, QSFP28, TB	
0 PLC ±- 1 PLC ±0.25 2 PLC ±0.2 3 PLC ±- 4 PLC ±- ANGLES ±- FINISH ±-		PRODUCT SPEC 108-19428	SIZE 114-32023	RESTRICTED TO -
MATERIAL SEE NOTES	SEE NOTES	APPLICATION SPEC 114-32023	WEIGHT -	SCALE 1:1 SHEET 3 OF 6 REV 2
		CUSTOMER DRAWING	SIZE A200779	DRAWING NO C-2354935

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-	-	SEE SHEET 1	-	-



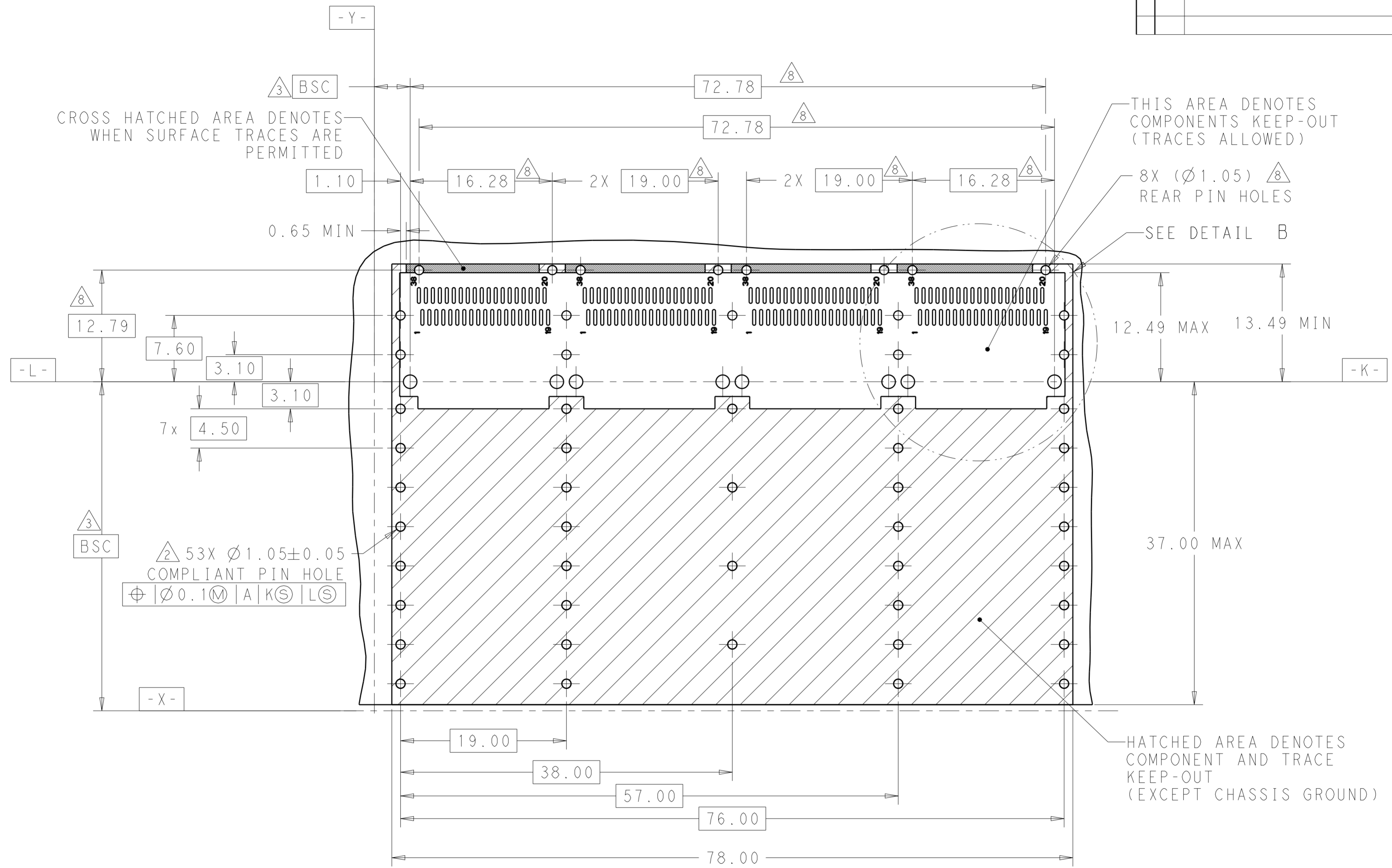
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RECOMMENDED PCB LAYOUT
 SINGLE TYPE
 PCB TOLERANCE: ±0.05
 SCALE 3:1

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DIMENSIONS: mm		CHK SEAN HAN 25APR2019		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SEAN HAN 25APR2019	NAME RECEPTACLE CAGE ASSEMBLY THRU BEZEL, 1X4, QSFP28, TB	
0 PLC ±-		PRODUCT SPEC 108-19428	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
1 PLC ±0.25		APPLICATION SPEC 114-32023	A200779 C-2354935	
2 PLC ±0.2		WEIGHT -	SCALE 1:1 SHEET 4 OF 6 REV 2	
3 PLC ±-		CUSTOMER DRAWING		
4 PLC ±-				
ANGLES ±-				
FINISH SEE NOTES				

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-	-	SEE SHEET 1	-	-



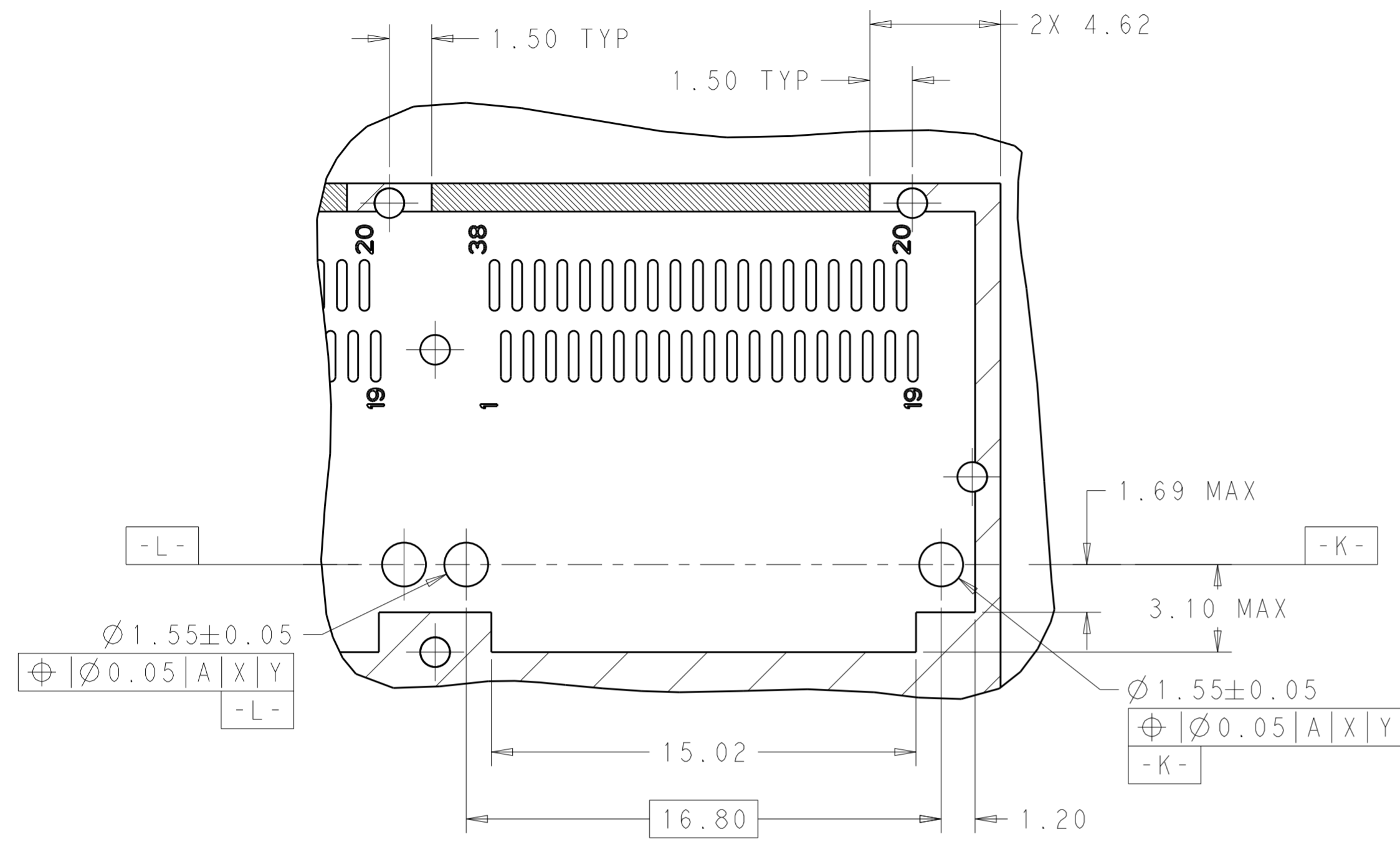
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RECOMMENDED PCB LAYOUT
 BELLY TO BELLY TYPE
 PCB TOLERANCE: ±0.05
 SCALE 3:1

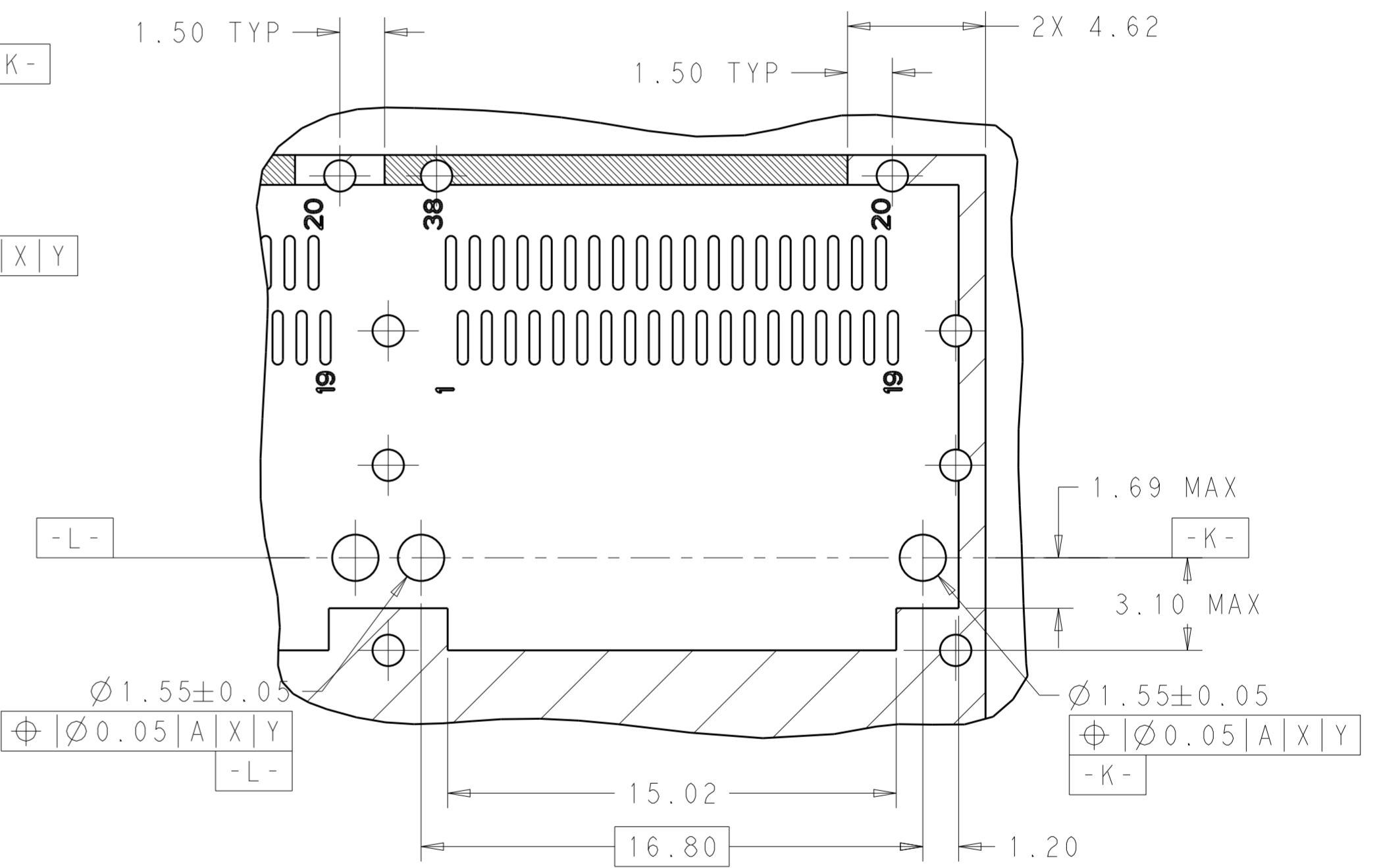
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN LEO LI 25APR2019	TE Connectivity	
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2 PLC ±0.2	3 PLC ±	APPLICATION SPEC 114-32023	A200779 C-2354935	
4 PLC ±	ANGLES ±	WEIGHT -	SCALE 1:1 SHEET 5 OF 6 REV 2	
MATERIAL SEE NOTES	FINISH SEE NOTES	CUSTOMER DRAWING		

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DETAIL A
SCALE 6:1



DETAIL B
SCALE 6:1

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2 PLC ±0.2	3 PLC ±	APPLICATION SPEC 114-32023	DRAWING NO C-2354935	RESTRICTED TO -
4 PLC ±	ANGLES ±	WEIGHT -	SCALE 1:1	SHEET 6 OF 6
MATERIAL SEE NOTES	FINISH SEE NOTES	CUSTOMER DRAWING	REV 2	