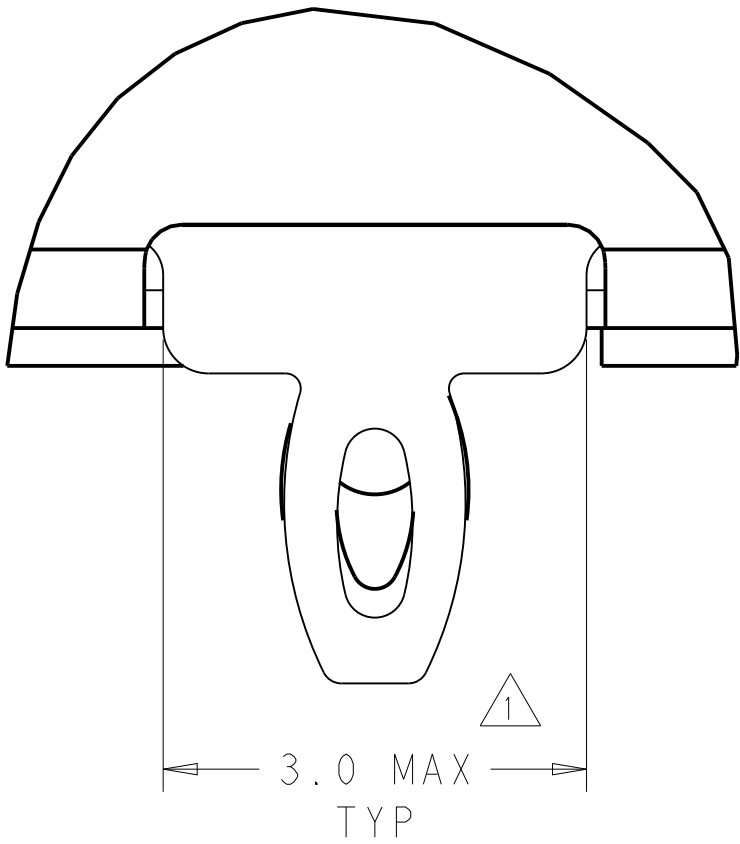
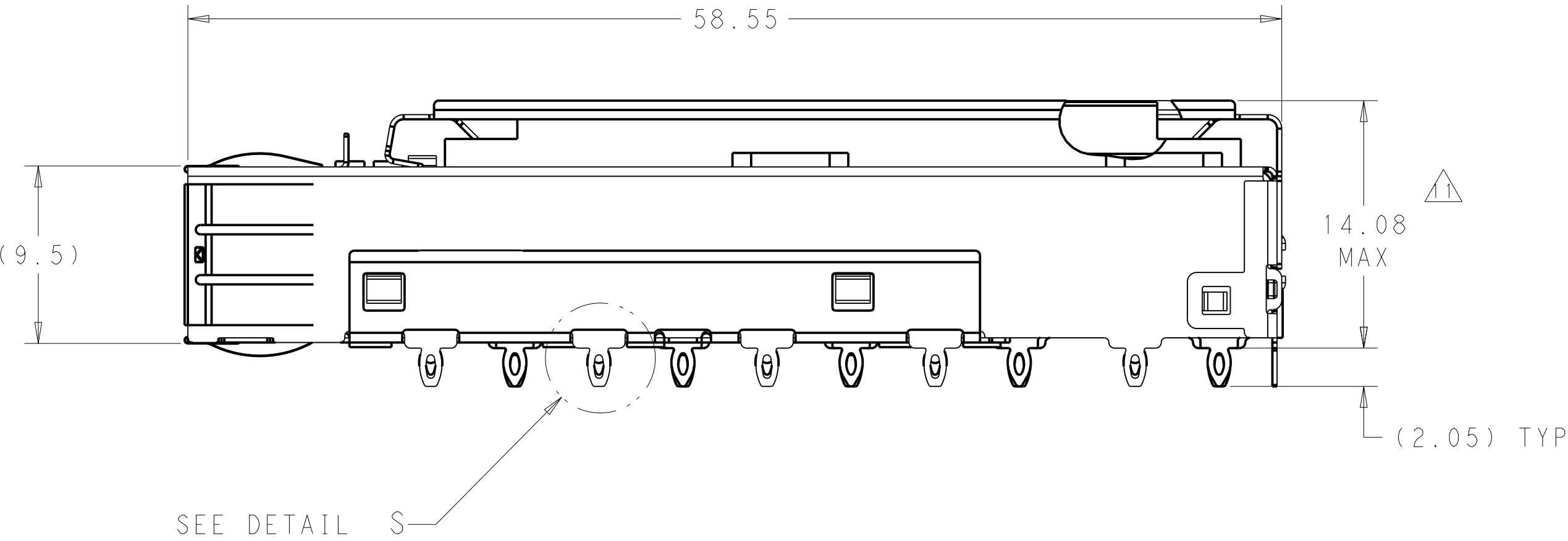
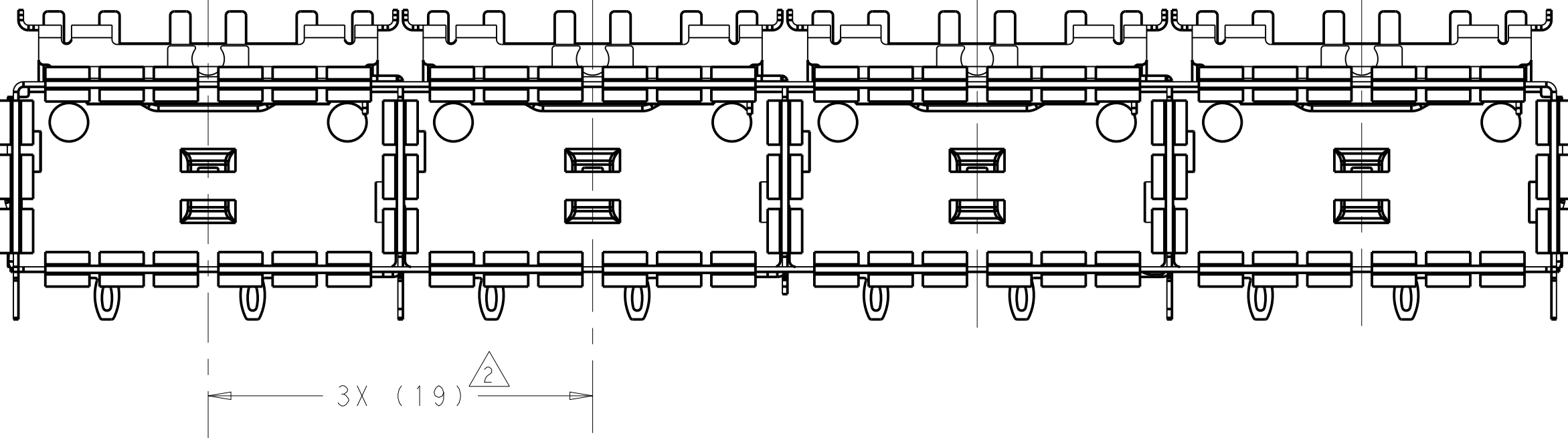
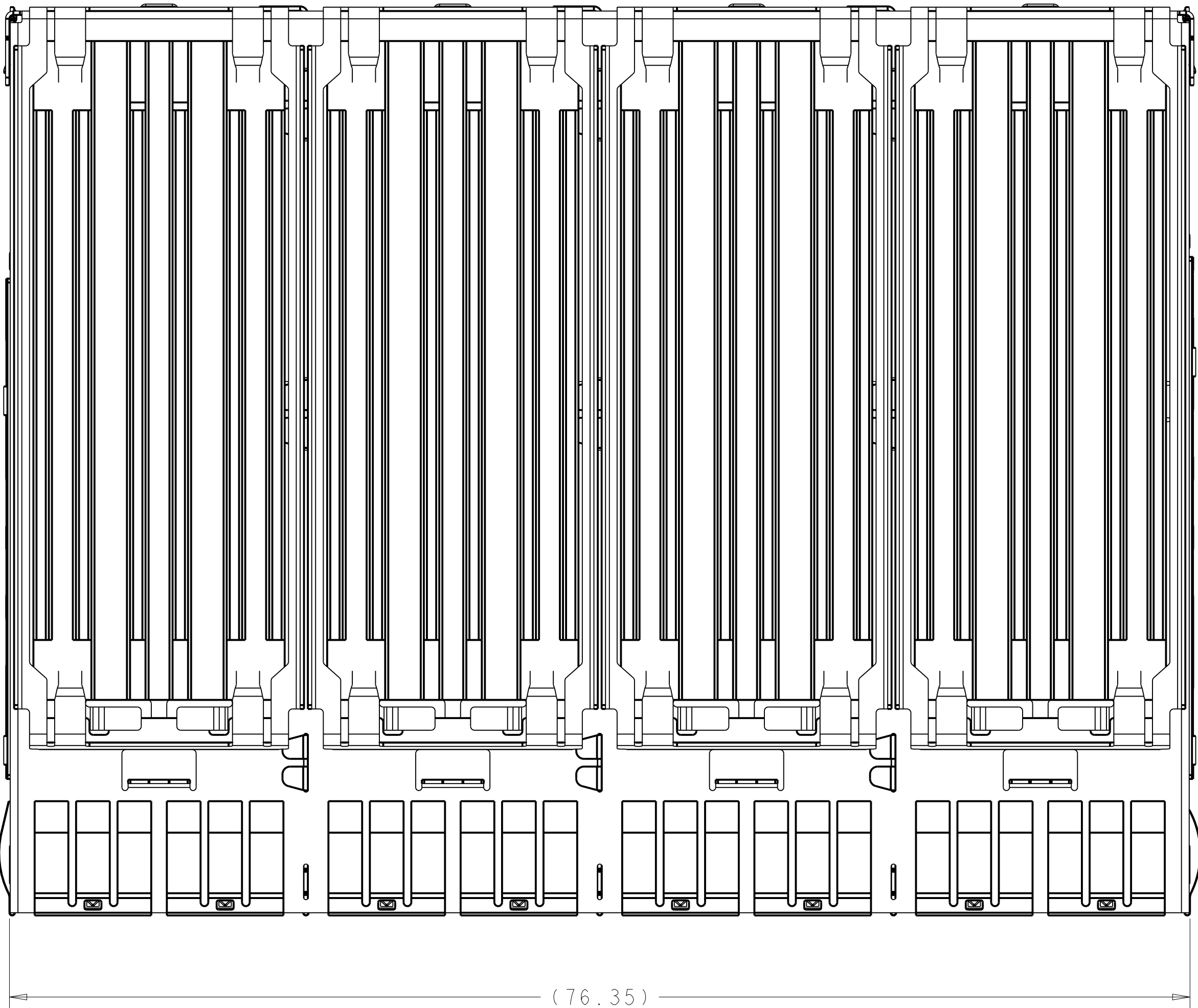


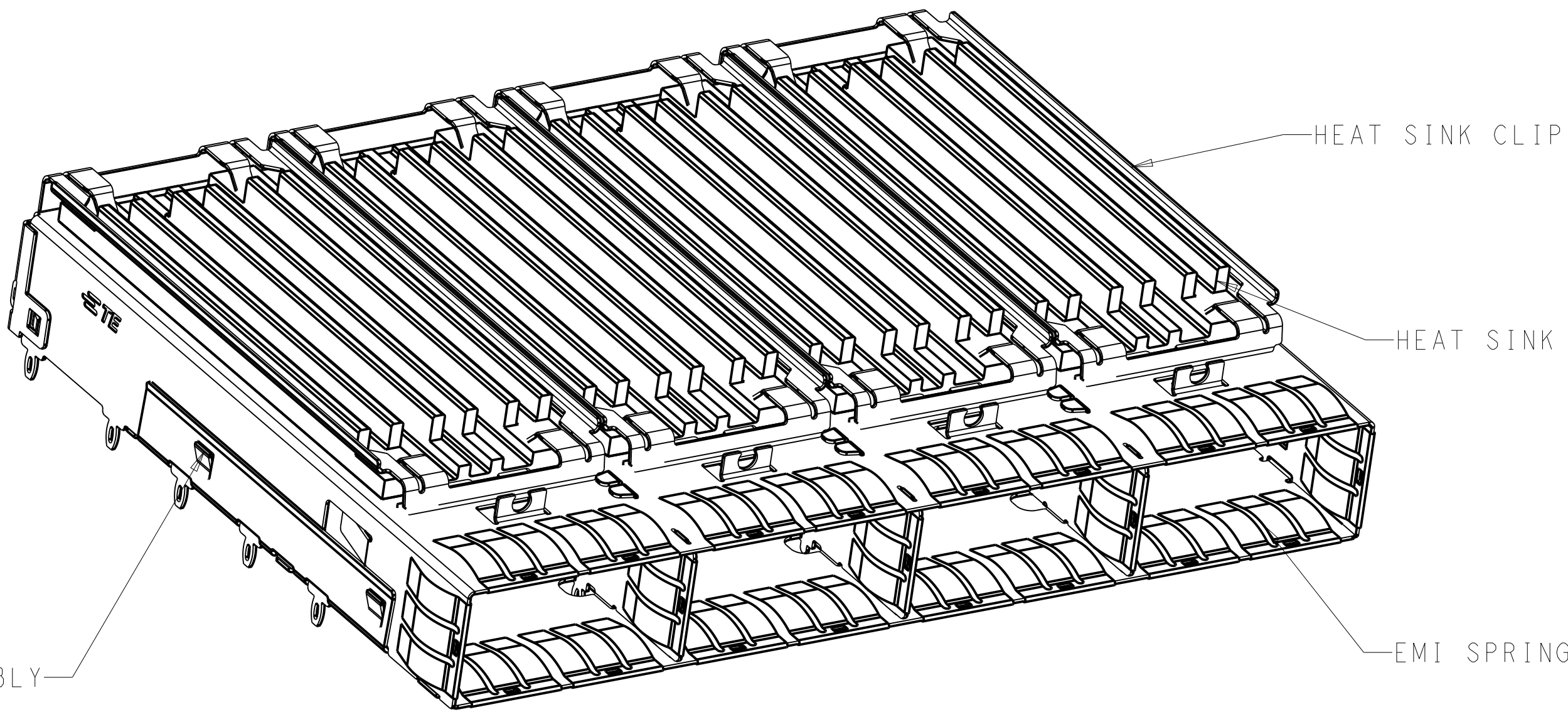
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-	-	P	LTR	DESCRIPTION	DATE	DWN	APVD
		5		UPDATE HEAT SINK	06SEP2013	ZJ	AC
		6		UPDATE HEAT SINK	16SEP2013	ZJ	AC

NOTES

- ⚠ SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL S, CONTACT PC BOARD.
- ⚠ PITCH BETWEEN PORTS OF ONE 1X4 CAGE.
- ⚠ SPACING BETWEEN CAGES ON THE SAME PC BOARD. TO BE SPECIFIED BY CUSTOMER, MUST COMPLY WITH MINIMUM DIMENSIONS SHOWN.
- ⚠ REFERENCE APPLICATION SPEC 114-13218 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- ⚠ UNPLATED THRU HOLE.
- ⚠ DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
- ⚠ DATUM -A- IS TOP SURFACE OF THE HOST BOARD.
- ⚠ DIMENSION C IS THE NOMINAL THICKNESS OF CUSTOMER SUPPLIED PC BOARD. MINIMUM PC BOARD THICKNESS:
SINGLE SIDED: 1.45mm
DOUBLE SIDED: 3mm PER QSFP
9. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
- ⚠ BASELINE FOR THE DIMENSION IS CENTER OF COMPLIANT PIN HOLE.
- ⚠ DIMENSION APPLIES WITH MODULE INSERTED IN CAGE.
- ⚠ MATERIAL:
CAGE ASSEMBLY: NICKEL SILVER, 0.25 THICK
EMI SPRINGS: COPPER ALLOY
HEAT SINK: ALUMINUM
HEAT SINK CLIP: STAINLESS STEEL
- ⚠ FINISH:
EMI SPRINGS: 2um MINIMUM TIN
HEAT SINK: BLACK ANODIZE



DETAIL S
SCALE 20:1

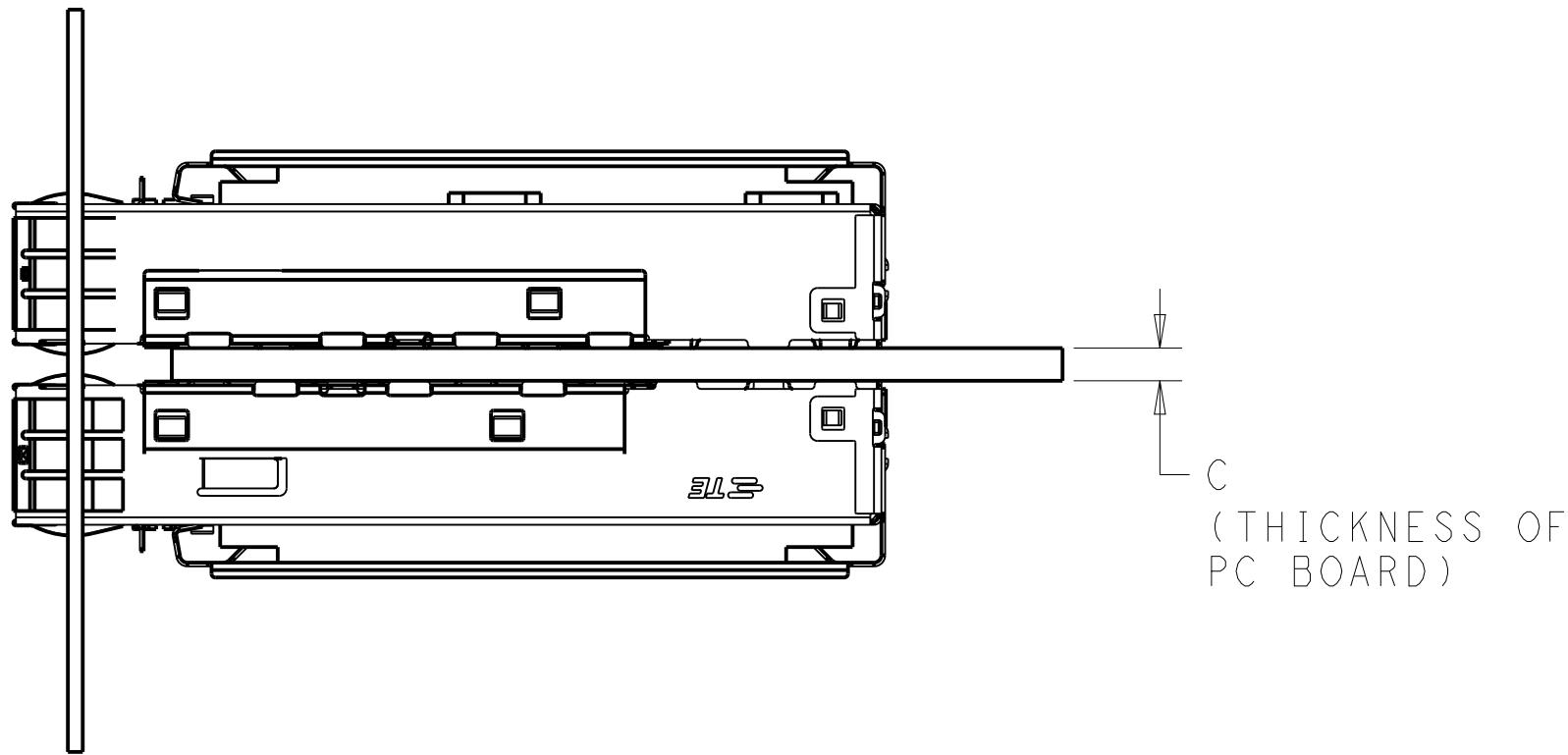
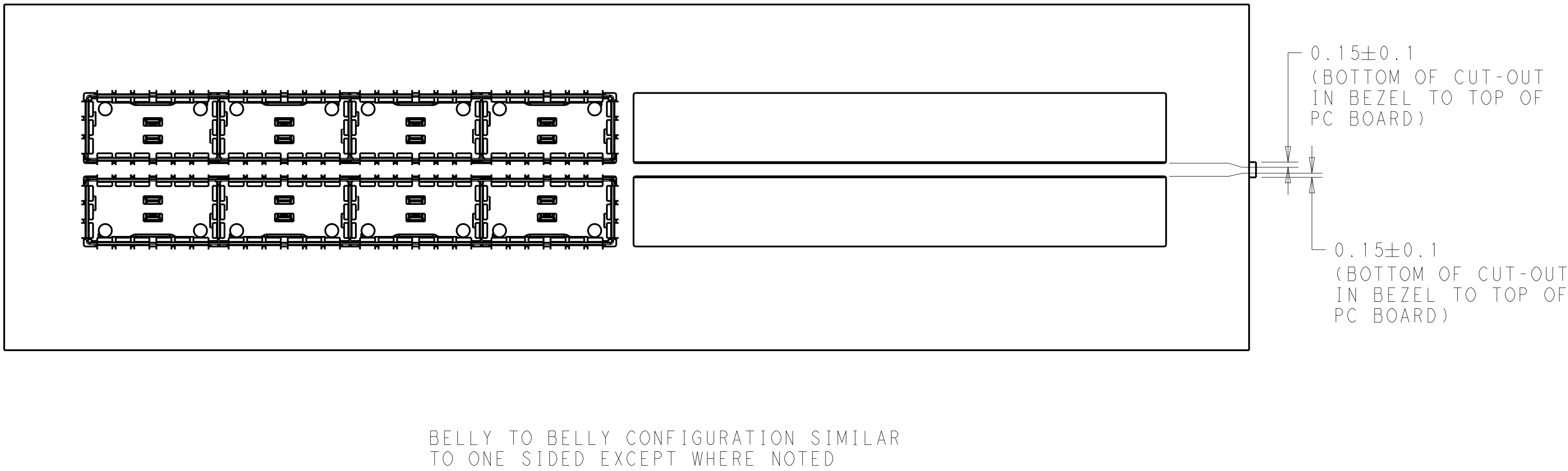
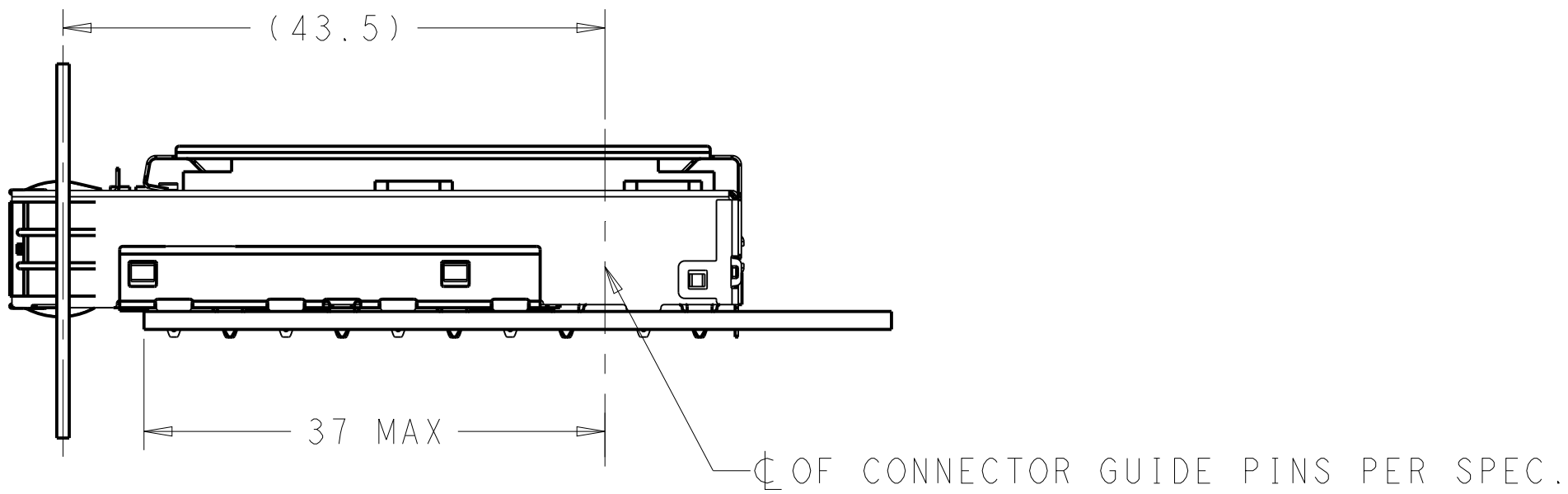
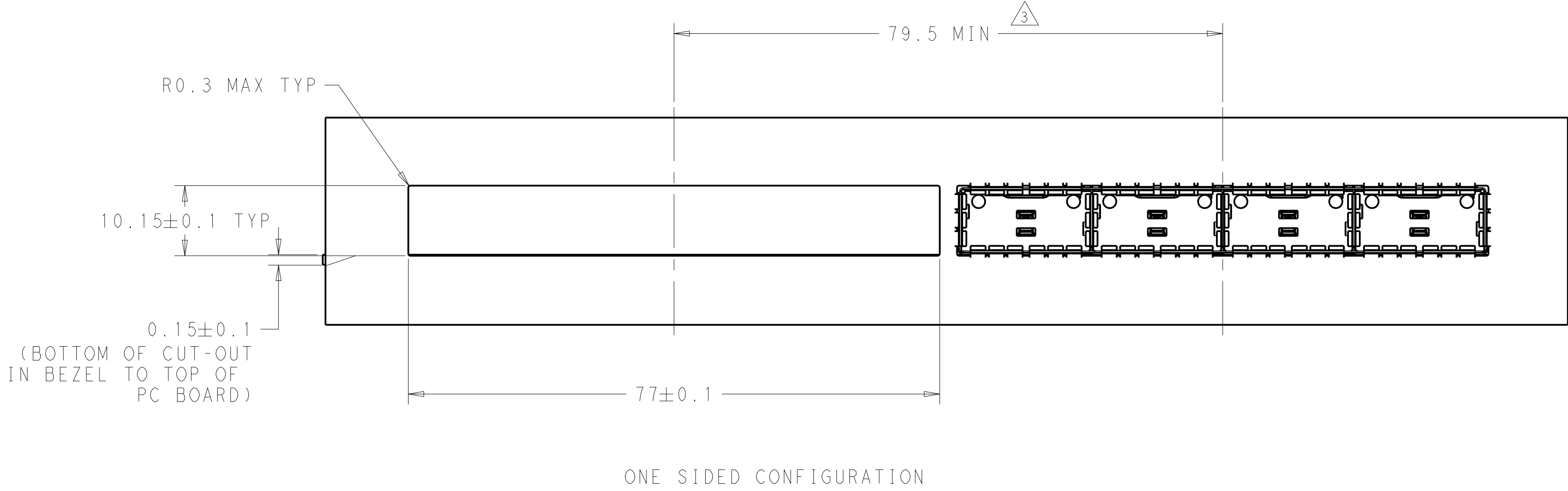


DESIGN APPROVED THIS PRINT IS
PRELIMINARY
TO FIRST PIECE APPROVAL
CONTACT PRODUCT ENGINEERING
BEFORE USING THIS PRINT

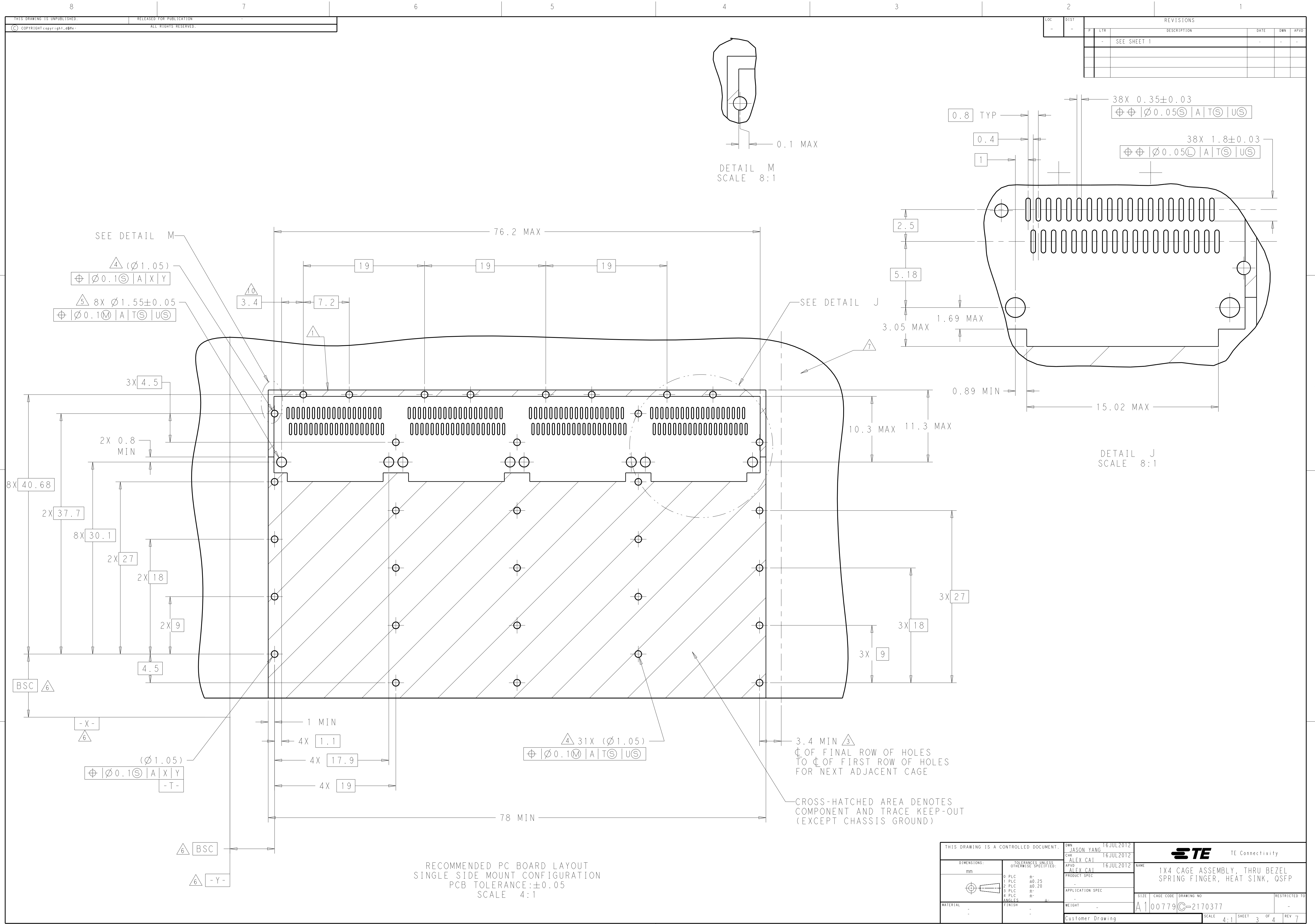
2170377-1

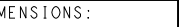
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		APPLICATION SPEC		
MATERIAL		WEIGHT	SIZE CAGE CODE DRAWING NO	
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		Customer Drawing	RESTRICTED TO	
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LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
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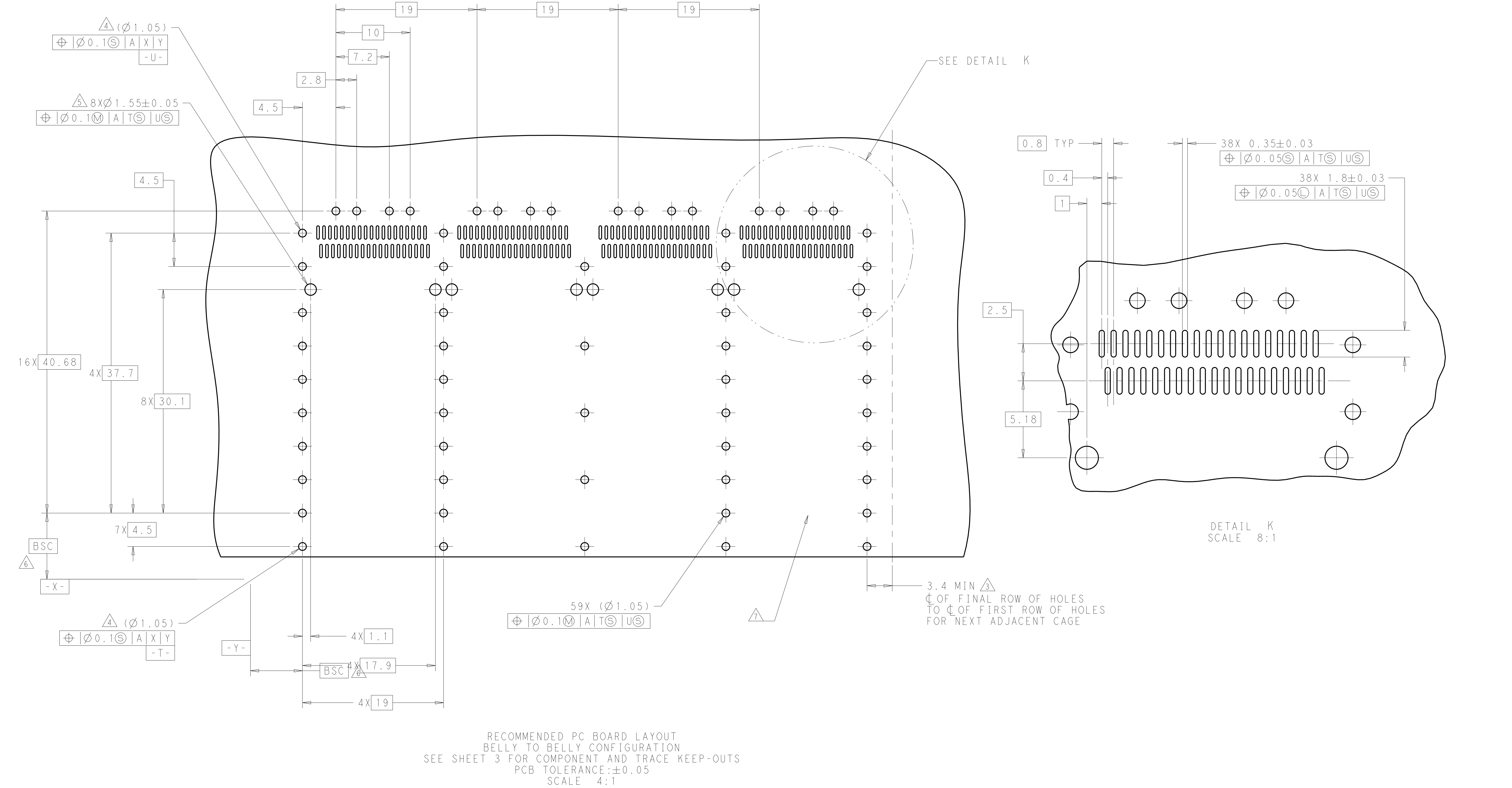


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: JASON YANG 16JUL2012	TE Connectivity	
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	0 PLC ±- 1 PLC ±0.25 2 PLC ±0.20 3 PLC ±- 4 PLC ±- ANGLES ±- FINISH -	PRODUCT SPEC		
MATERIAL: -	-	APPLICATION SPEC	SIZE: CAGE CODE: DRAWING NO: A100779C=2170377	
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		SCALE: 4:1	SHEET: 2 OF 4	REV: 7



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG 16JUL2012	 TE Connectivity					
DIMENSIONS:		CHK ALEX CAI 16JUL2012						
mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME	1X4 CAGE ASSEMBLY, THRU BEZEL SPRING FINGER, HEAT SINK, QSFP				
		0 PLC ± 0.25 PLC ± 0.20 PLC ± 0.15 PLC ± 0.10 PLC ± ANGLES ±	APVD ALEX CAI 16JUL2012		PRODUCT SPEC			
MATERIAL	FINISH	APPLICATION SPEC	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
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Customer Drawing		SCALE		4:1	SHEET	3 of 4	REV	7

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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	JASON YANG	16JUL2012	 TE Connectivity	
		CHK	ALEX CAI	16JUL2012		
		APVD	ALEX CAI	16JUL2012		
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DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		
mm		0 PLC $\pm .25$ 1 PLC ± 0.25 2 PLC ± 0.20 3 PLC $\pm .$ 4 PLC $\pm .$		APPLICATION SPEC		
		ANGLES $\pm .$		SIZE		
MATERIAL		FINISH		CAGE CODE		
-		-		DRAWING NO		
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