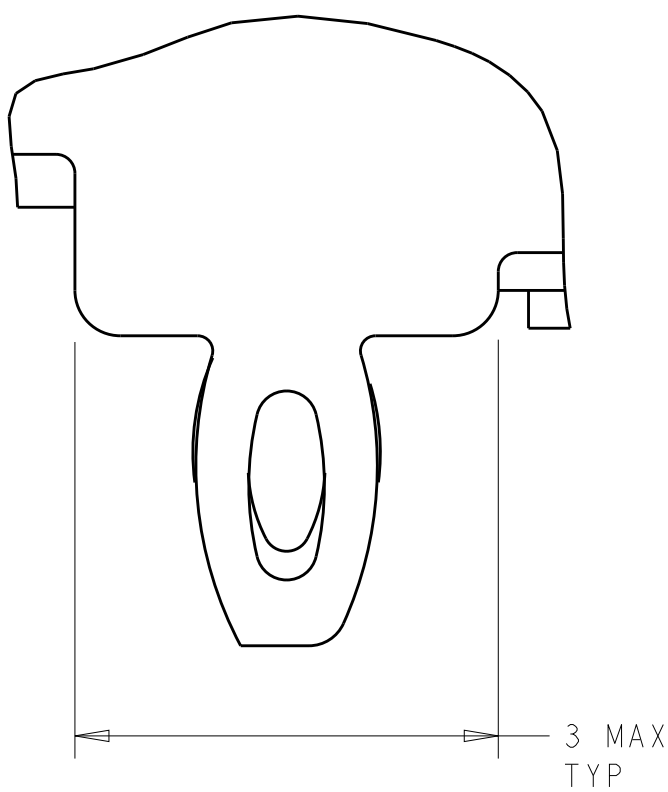
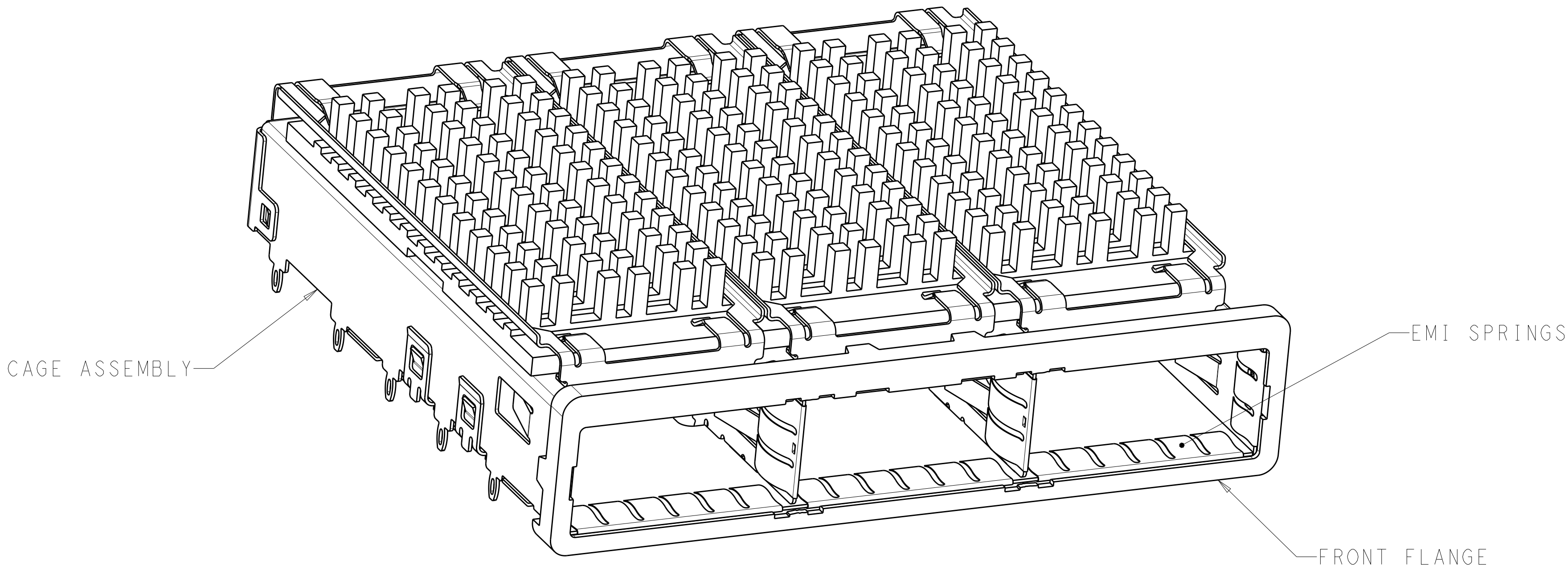
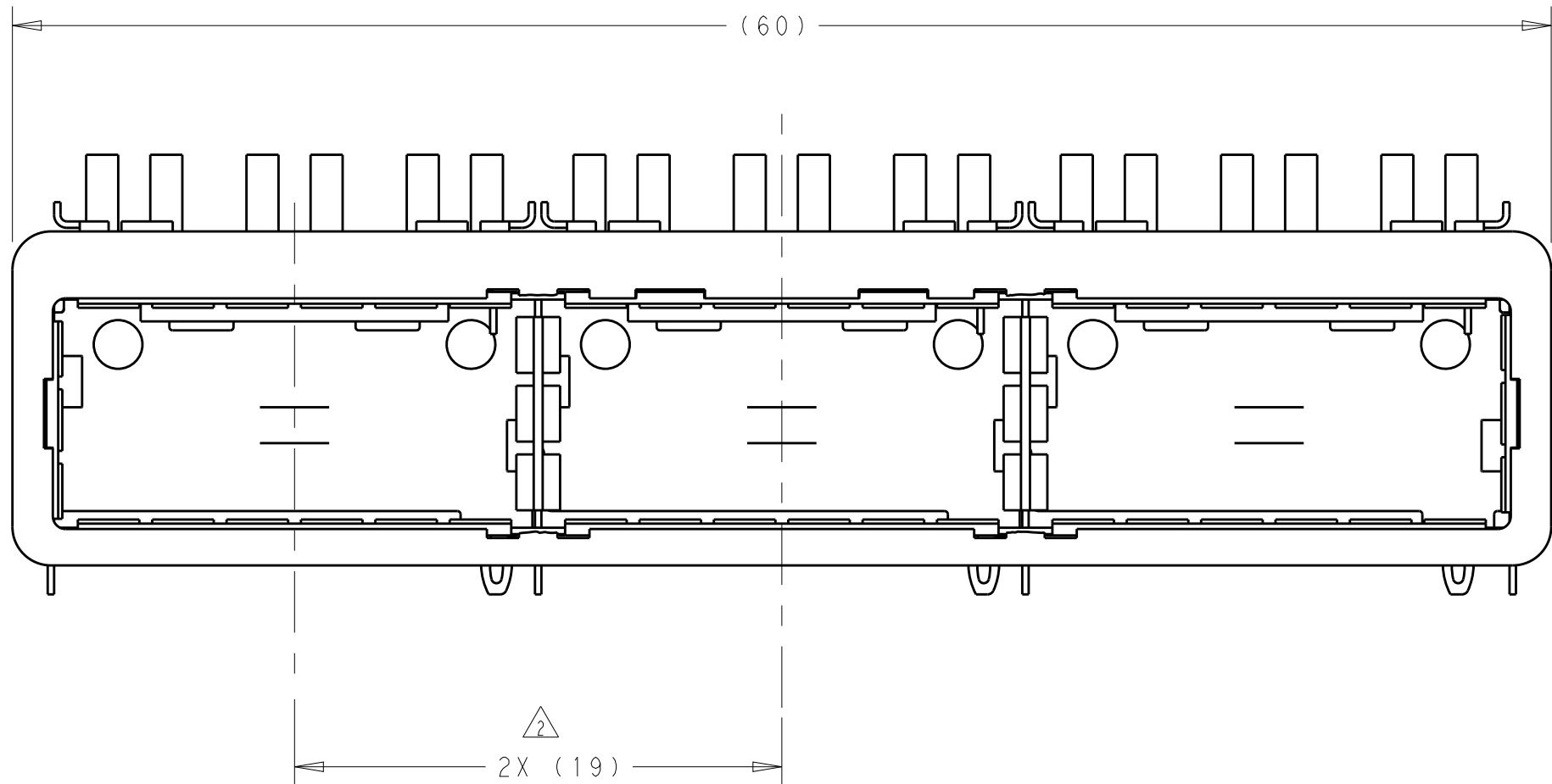
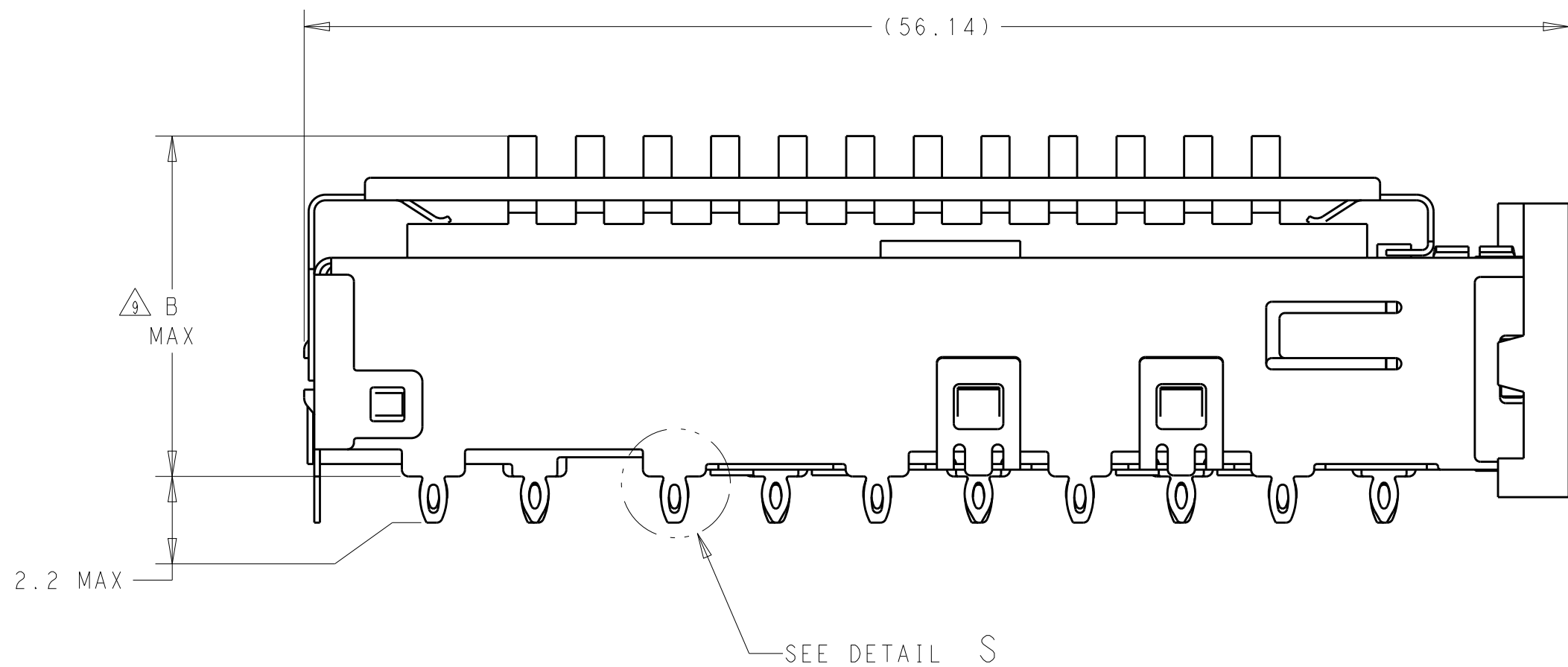




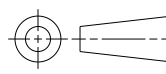
DETAIL S 
SCALE 20:1



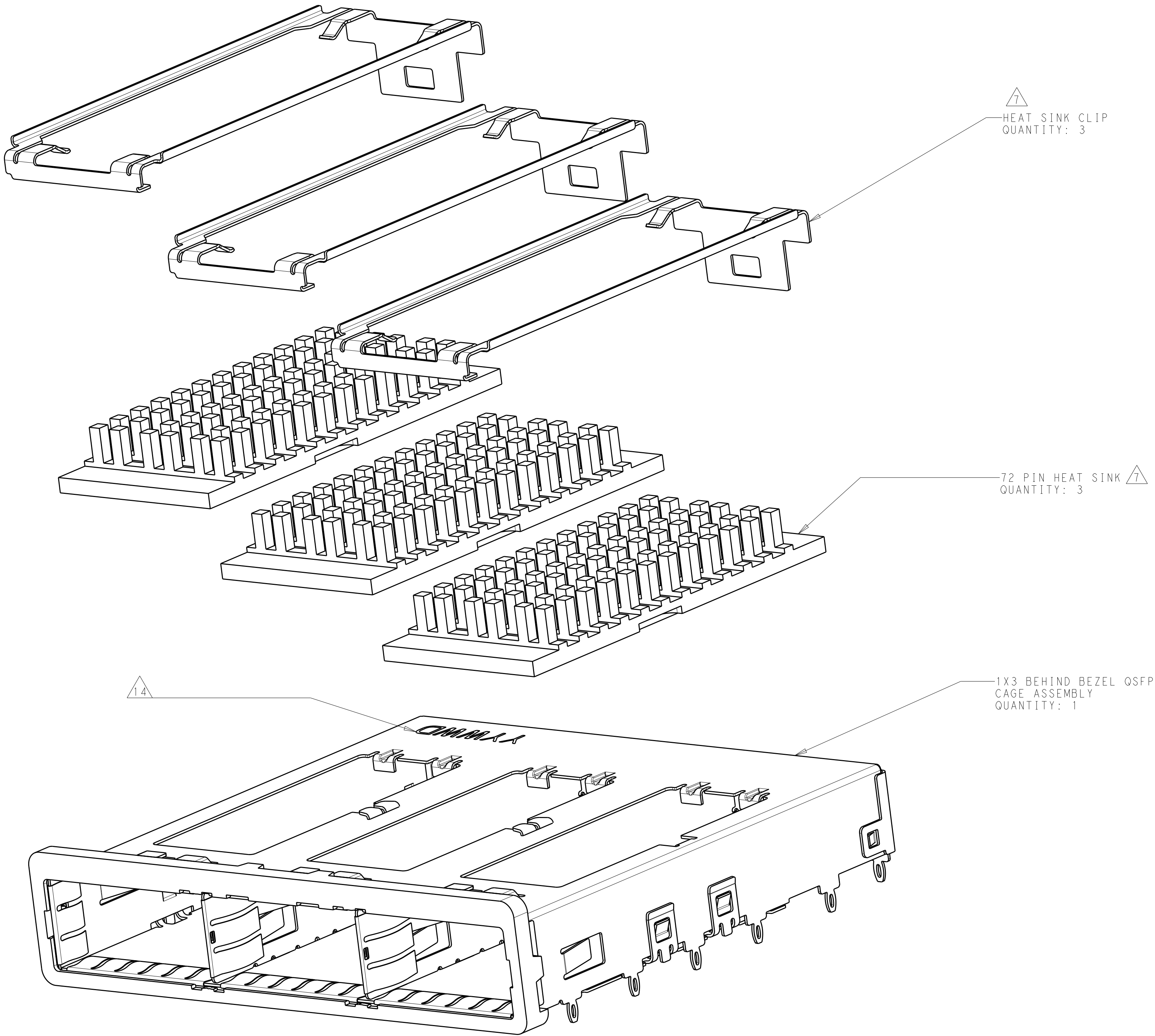
-  MATERIALS:
CAGE ASSEMBLY: NICKEL SILVER, 0.25 THICK
EMI SPRINGS: COPPER ALLOY
FRONT FLANGE: ZINC ALLOY
HEAT SINK: ALUMINUM
HEAT SINK CLIP: STAINLESS STEEL
-  PITCH BETWEEN PORTS OF ONE 1X3 CAGE ASSEMBLY.
-  SPACING BETWEEN CAGES ON THE SAME PC BOARD, TO BE SPECIFIED BY CUSTOMER, MUST COMPLY WITH MINIMUM DIMENSIONS SHOWN.
-  REFERENCE APPLICATION SPEC 114- - - - - FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
-  DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
-  DIMENSION C IS THE NOMINAL THICKNESS OF CUSTOMER SUPPLIED PC BOARD.
MINIMUM SINGLE SIDED PC BOARD THICKNESS: 1.45mm
MINIMUM DOUBLE SIDED PC BOARD THICKNESS: 2.2mm PER QSFP
-  HEAT SINKS AND CLIPS SHIPPED ASSEMBLED TO CAGE ASSEMBLY.
CAGE ASSEMBLY MAY BE PRESSED INTO THE PCB AS SHIPPED.
-  DATUM A IS TOP SURFACE OF PC BOARD.
-  DIMENSION APPLIES WITH MODULE INSERTED IN CAGE.
-  UNPLATED THRU HOLE.
-  MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
-  SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL S, CONTACT PC BOARD.
-  BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE.
-  DATE CODE (YYWWD) MARKED ON TOP OF CAGE AND CONCEALED BY HEAT SINKS APPLIES TO CAGE ASSEMBLY ONLY.
-  REFERENCE APP SPEC 114- - - - - FOR GASKET THICKNESS CALCULATION.
-  FINISH:
EMI SPRINGS: 2µm MINIMUM TIN
FRONT FLANGE: 3µm MINIMUM TIN OVER 1.27µm MINIMUM NICKEL
OVER 5.08µm MINIMUM COPPER
HEAT SINK: NICKEL.

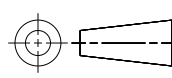
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	RELEASED PER ECO-13-000076	16 JAN 2013	CJV	EDB

23.0	NETWORKING	2173239-3
16.0	SAN	2173239-2
13.7	PCI	2173239-1
B	HEAT SINK PROFILE	PART NUMBER

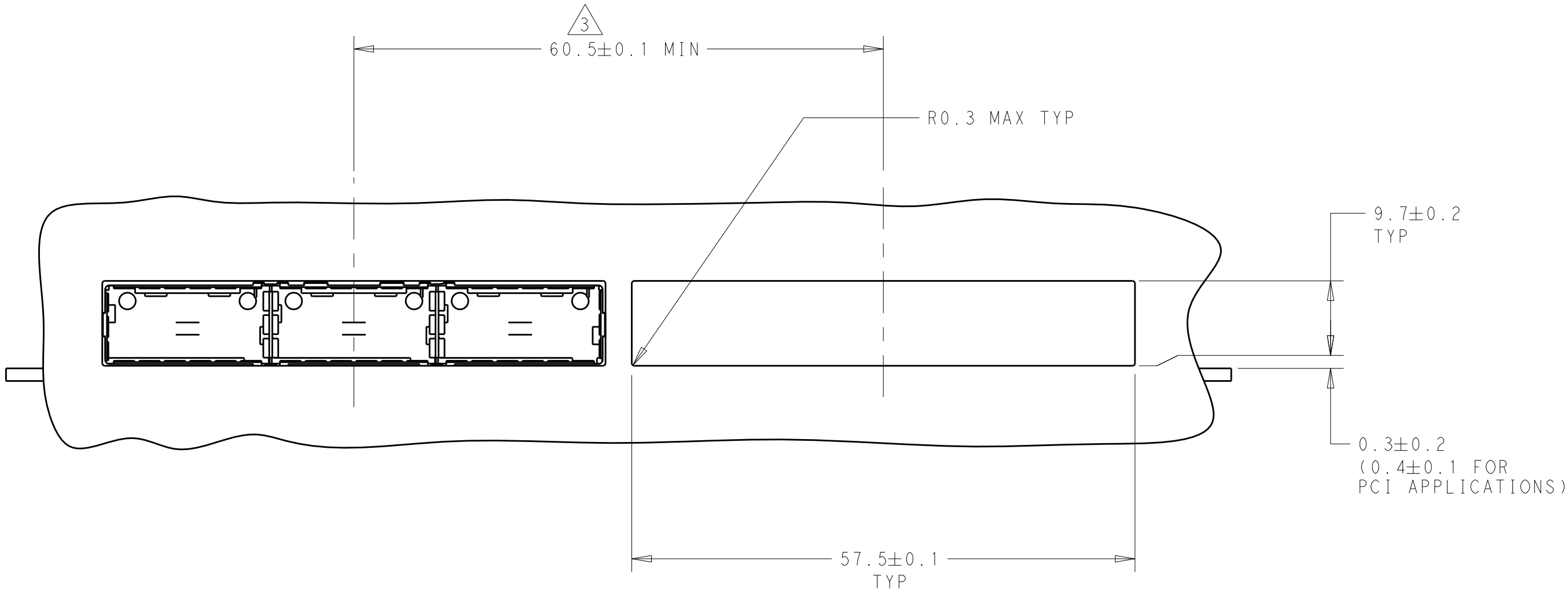
THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.3M-2009		DWN J.V.D.HEIJDEN 2AUG2011	NAME 1X3 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, zQSFP+	
		CHK R.VERBEET 12AUG2011		
DIMENSIONS: mm		APVD T.D.ROER 15AUG2011	PRODUCT SPEC	
			108- - - - -	
			APPLICATION SPEC	
			114- - - - -	
MATERIAL		FINISH	WEIGHT	
			A100779C=2173239	
CUSTOMER DRAWING		SCALE 1:1	SHEET 1 OF 5	REV A

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-

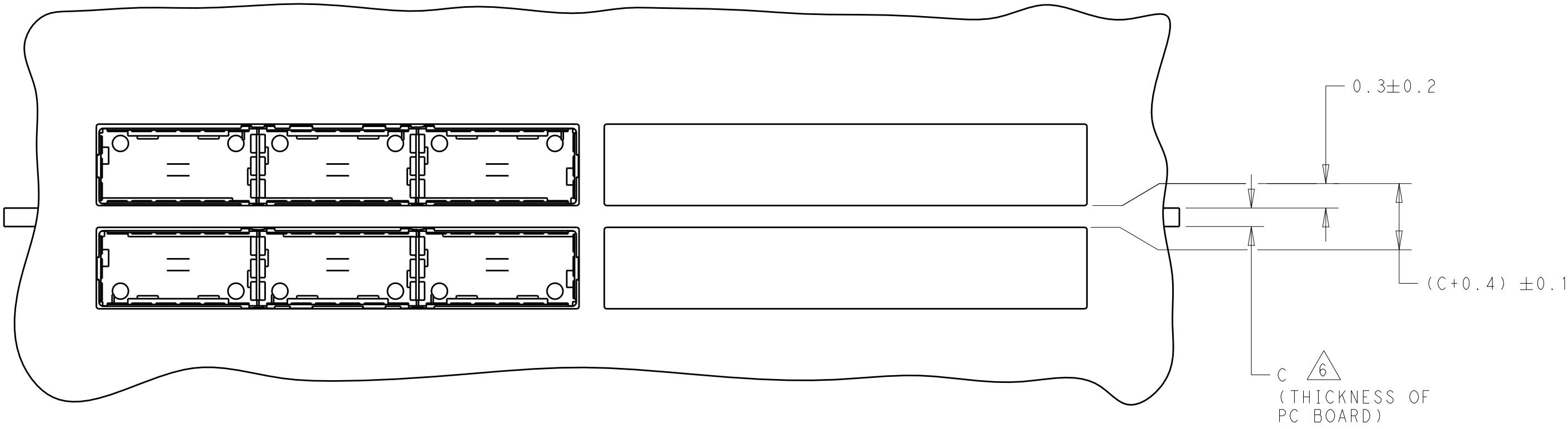
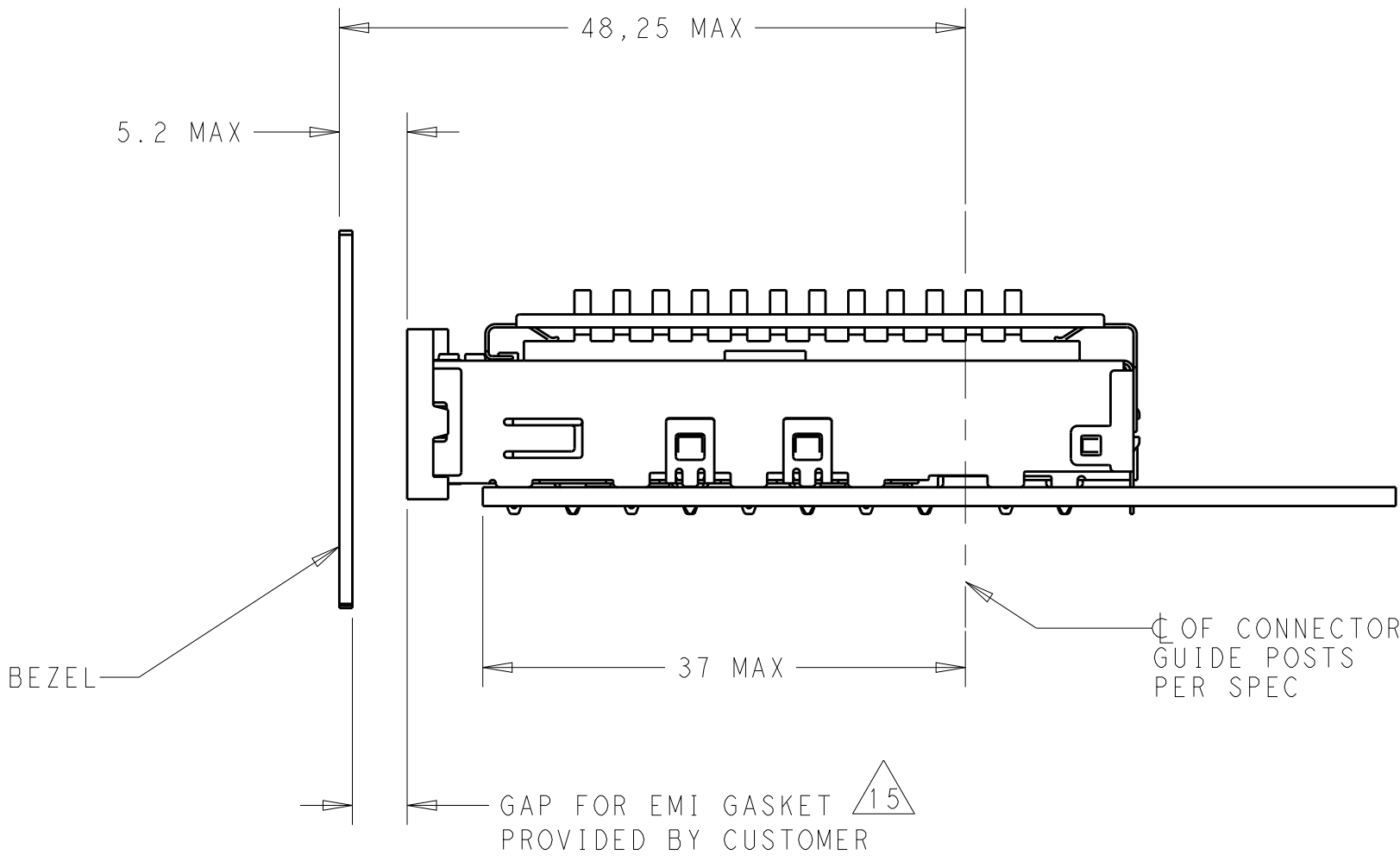


THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER: ASME Y14.5M-2009		DWN J.V.D.HEIJDEN	12AUG2011	 TE Connectivity	
		CHK R.VERBEET	12AUG2011		
DIMENSIONS:		APVD T.D.ROER	15AUG2011	NAME 1X3 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, zQSFP+	
mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		SIZE A100779	
		0 PLC	±.1	DRAWING NO C=2173239	
		1 PLC	±0.1	RESTRICTED TO -	
		2 PLC	±0.1		
		3 PLC	±0.013		
ANGLES		4 PLC	±0.0001	SCALE 1:1	
FINISH		ANGLES	114°----	SHEET 2	
MATERIAL		FINISH	WEIGHT -	OF 5	
CUSTOMER DRAWING				REV A	

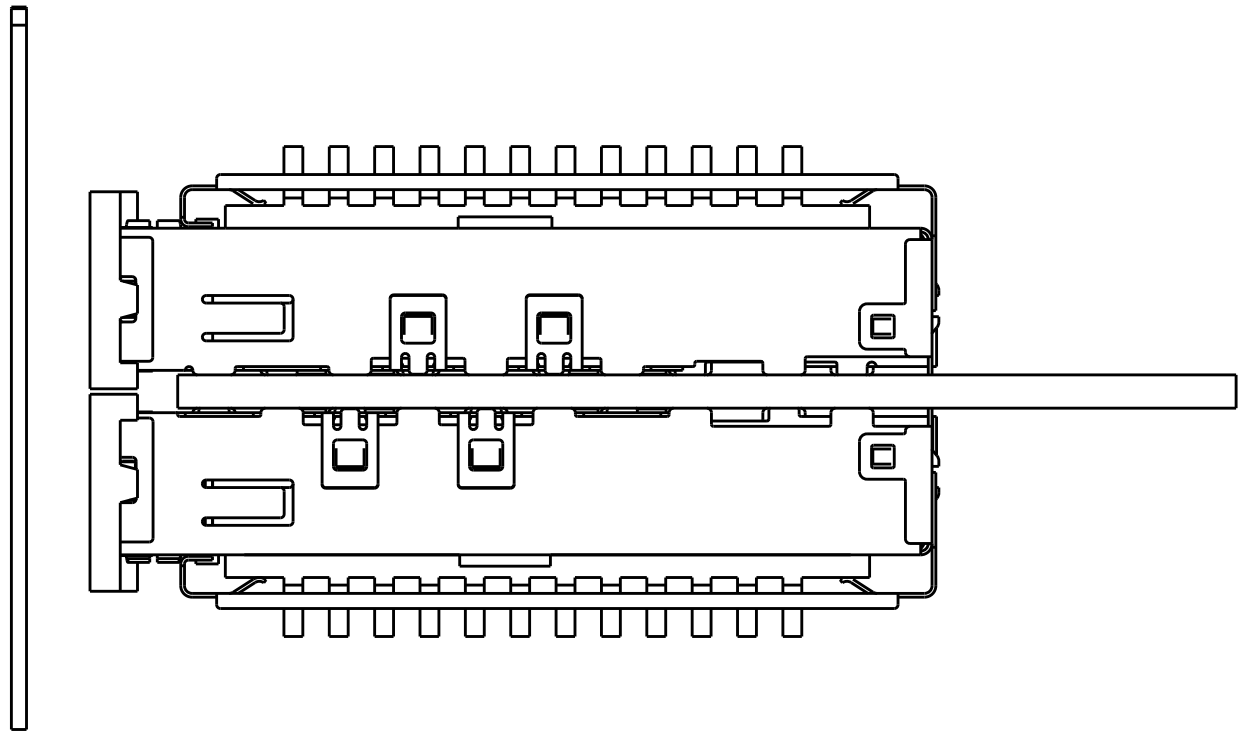
LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-



ONE SIDED CONFIGURATION
SCALE 2:1

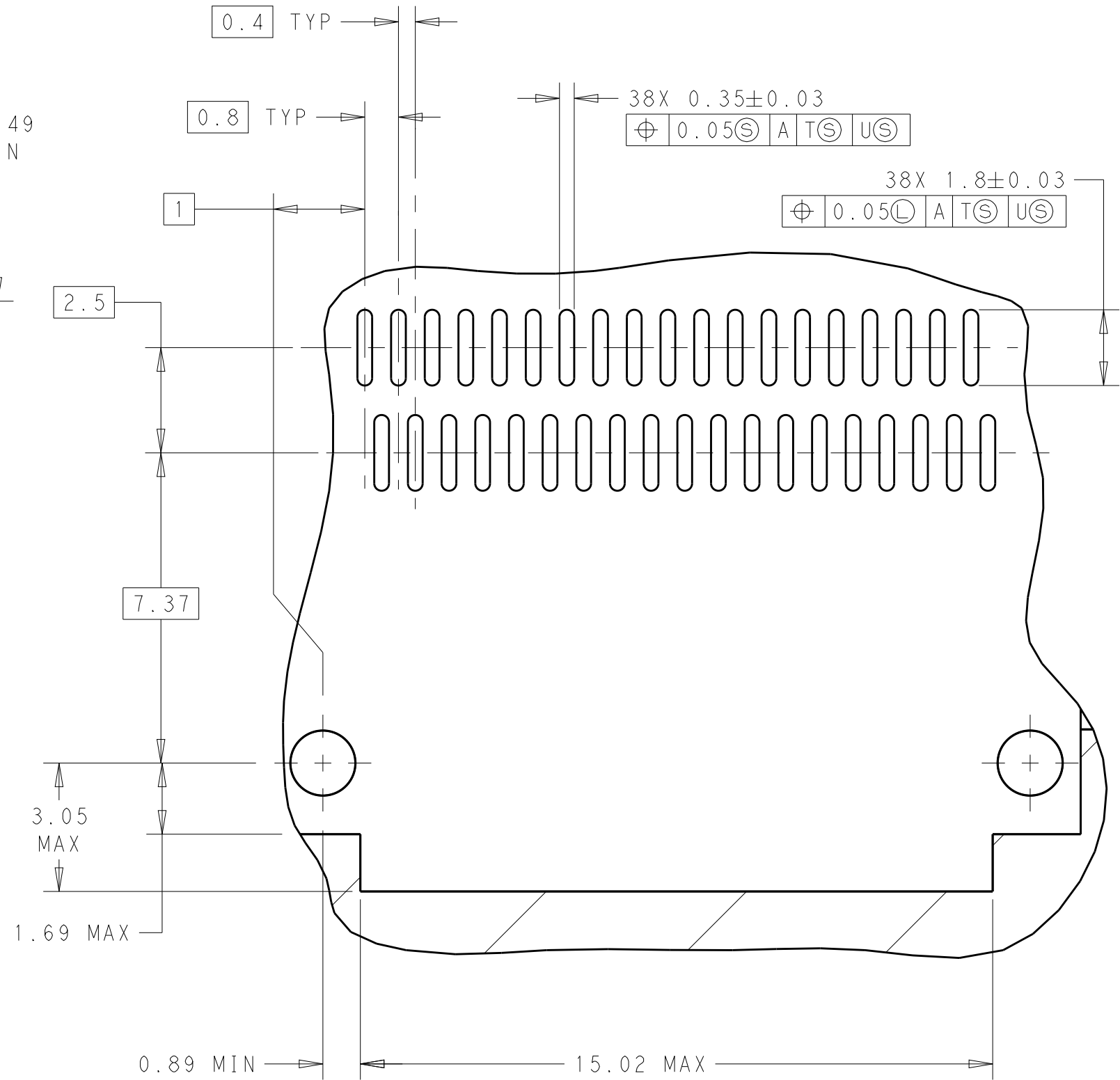
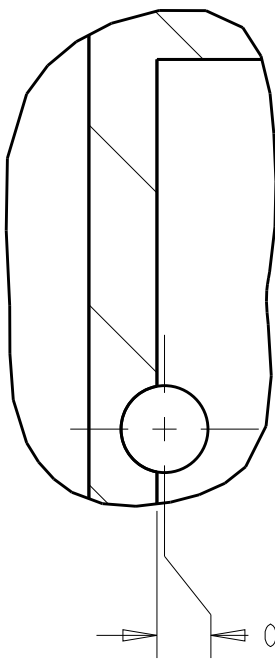
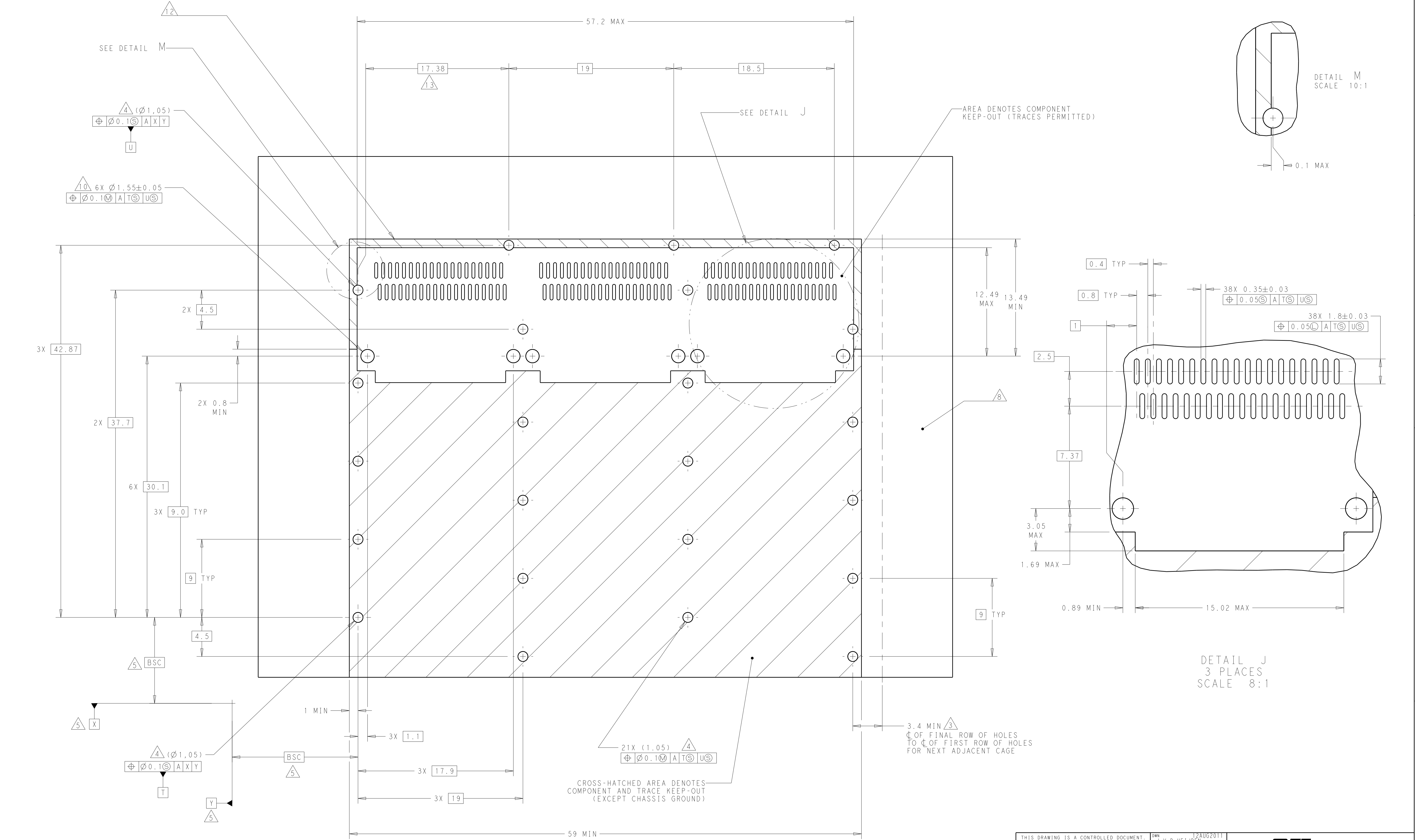


BELLY TO BELLY CONFIGURATION SIMILAR
TO ONE SIDED EXCEPT WHERE NOTED
SCALE 2:1



THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009				DWN J.V.D. HEIJDEN 12AUG2011	TE Connectivity			
DIMENSIONS: mm				CHK R. VERBEET 12AUG2011				
TOLERANCES UNLESS OTHERWISE SPECIFIED:				APVD T.D. ROER 15AUG2011	NAME 1X3 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, zQSFP+			
0 PLC ±.1				PRODUCT SPEC	SIZE			
1 PLC ±0.1				108-	CAGE CODE			
2 PLC ±0.1				APPLICATION SPEC	DRAWING NO			
3 PLC ±0.013				114-	A100779			
4 PLC ±0.0001				WEIGHT	C=2173239			
ANGLES				-	RESTRICTED TO			
FINISH				CUSTOMER DRAWING	SCALE 4:1			
					SHEET 3 OF 5			
					REV A			

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	-	-	SEE SHEET 1	-	-	-



RECOMMENDED PC BOARD LAYOUT
SINGLE SIDE MOUNT CONFIGURATION
SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONING AND TOLERANCING
PER ASME Y14.5M-2009

mm

MATERIAL

FINISH

DIMENSIONS:

0 PLC ±0.1

1 PLC ±0.1

2 PLC ±0.1

3 PLC ±0.013

4 PLC ±0.0001

ANGLES

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

±0.1

±0.1

±0.013

±0.0001

±0.1

APVD

T.D. ROER

15AUG2011

PRODUCT SPEC

108

APPLICATION SPEC

114

WEIGHT

-

CUSTOMER DRAWING

DWN

J.V.D. HEIJDEN

12AUG2011

CHK

R. VERBEET

12AUG2011

NAME

1X3 CAGE ASSEMBLY, BEHIND BEZEL,
W/ HEAT SINKS, zQSF+P

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A100779

C=2173239

-

-

SCALE

1:1

SHEET

4

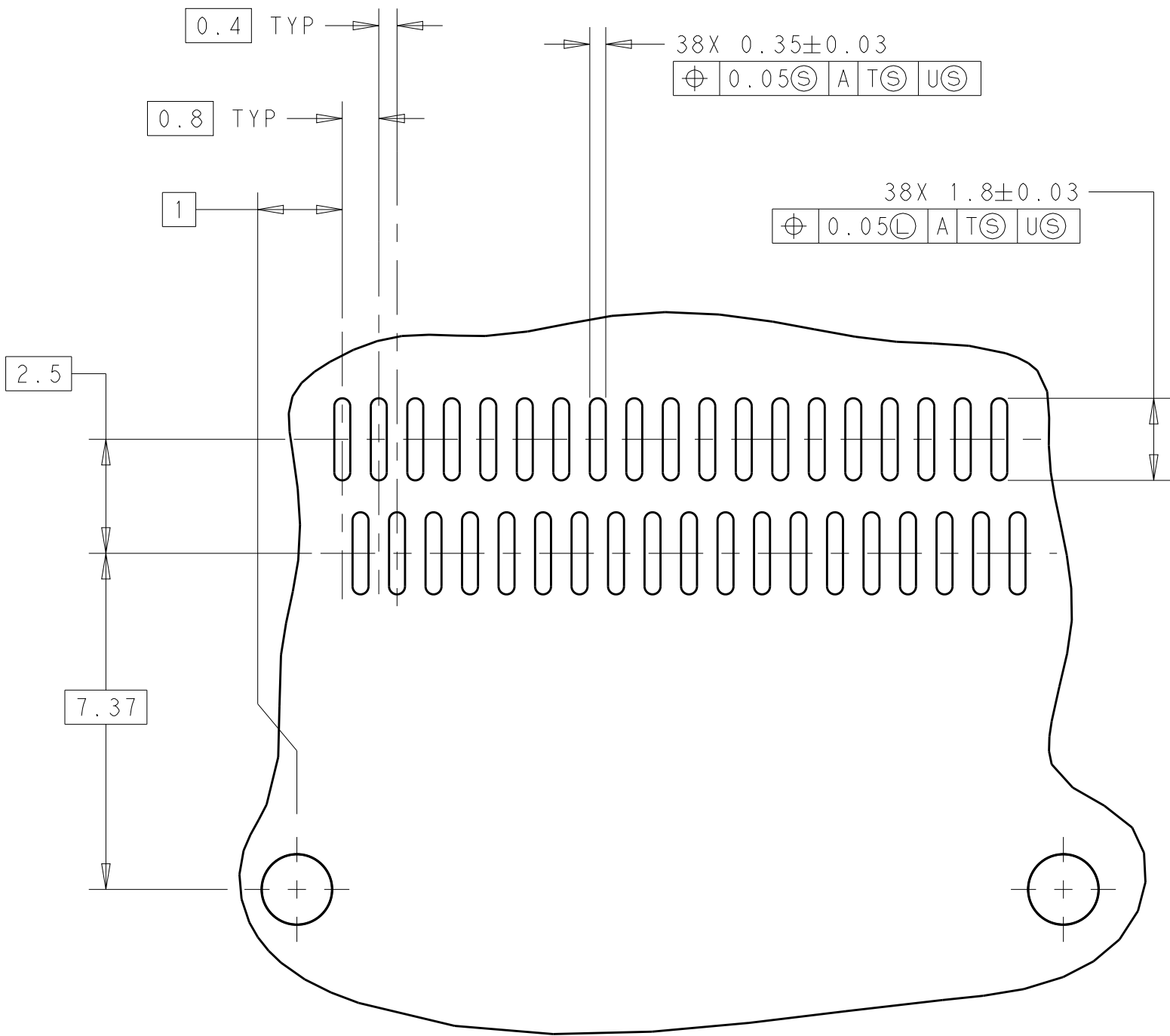
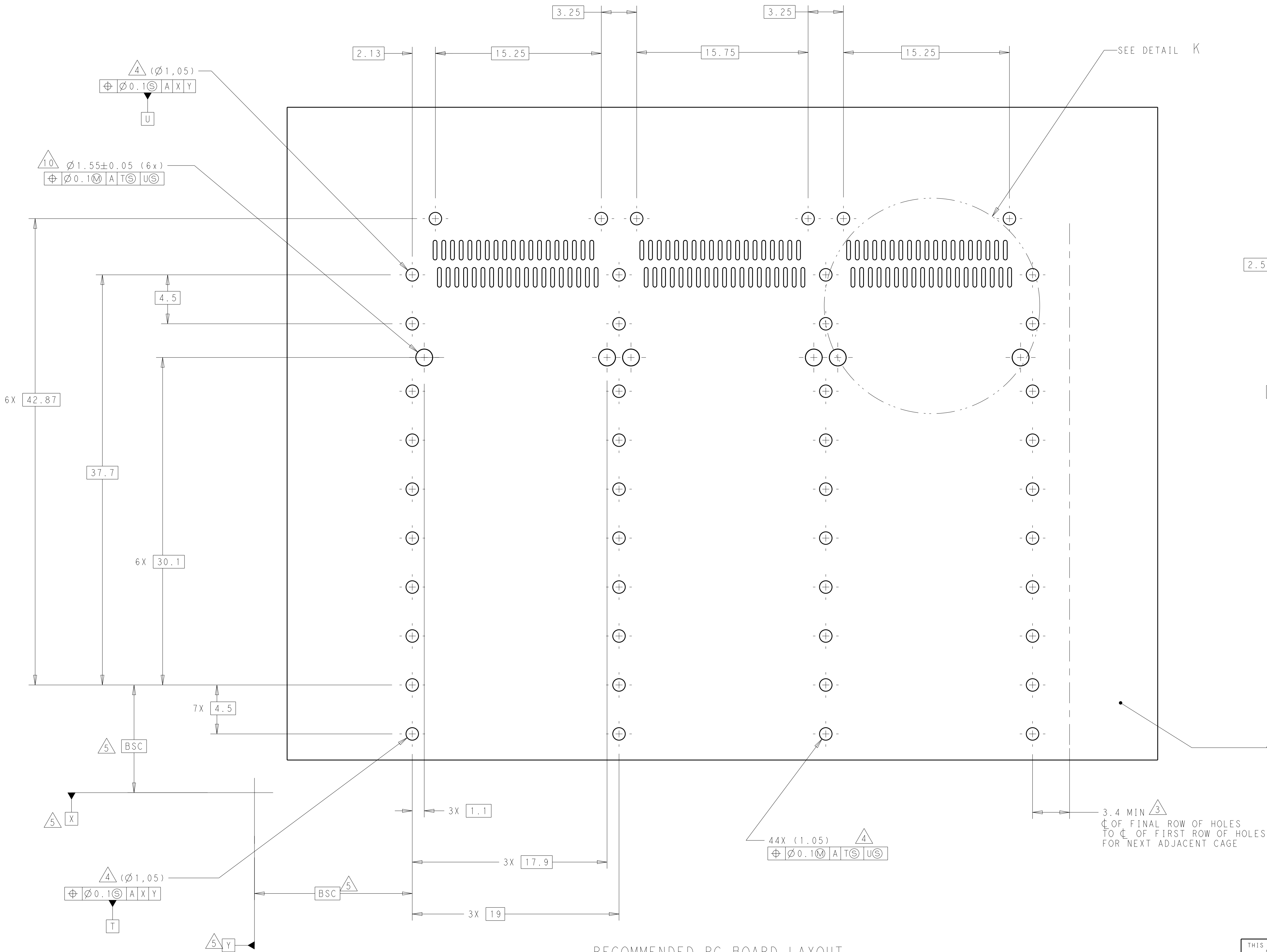
OF

5

REV

A

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	-	-	SEE SHEET 1	-	-	-



RECOMMENDED PC BOARD LAYOUT
BELLY TO BELLY CONFIGURATION
SEE SHEET 4 FOR COMPONENT
AND TRACE KEEP-OUTS
SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN J.V.D.HEIJDEN 12AUG2011	 TE Connectivity		RESTRICTED TO -
DIMENSIONS: mm		CHK R.VERBEET 12AUG2011			
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME 1X3 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, zQSF+ -		
	0 PLC ±.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±.1		PRODUCT SPEC 108- APPLICATION SPEC 114-		
	MATERIAL		FINISH		
		WEIGHT -	SIZE CAGE CODE DRAWING NO A100779C=2173239		
CUSTOMER DRAWING			SCALE 1:1	SHEET 5 OF 5	REV A

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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