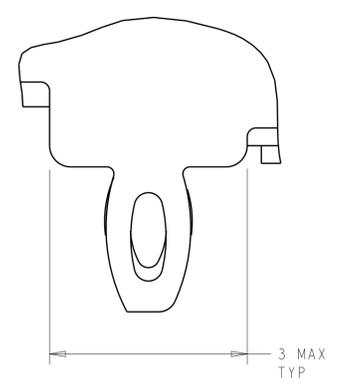
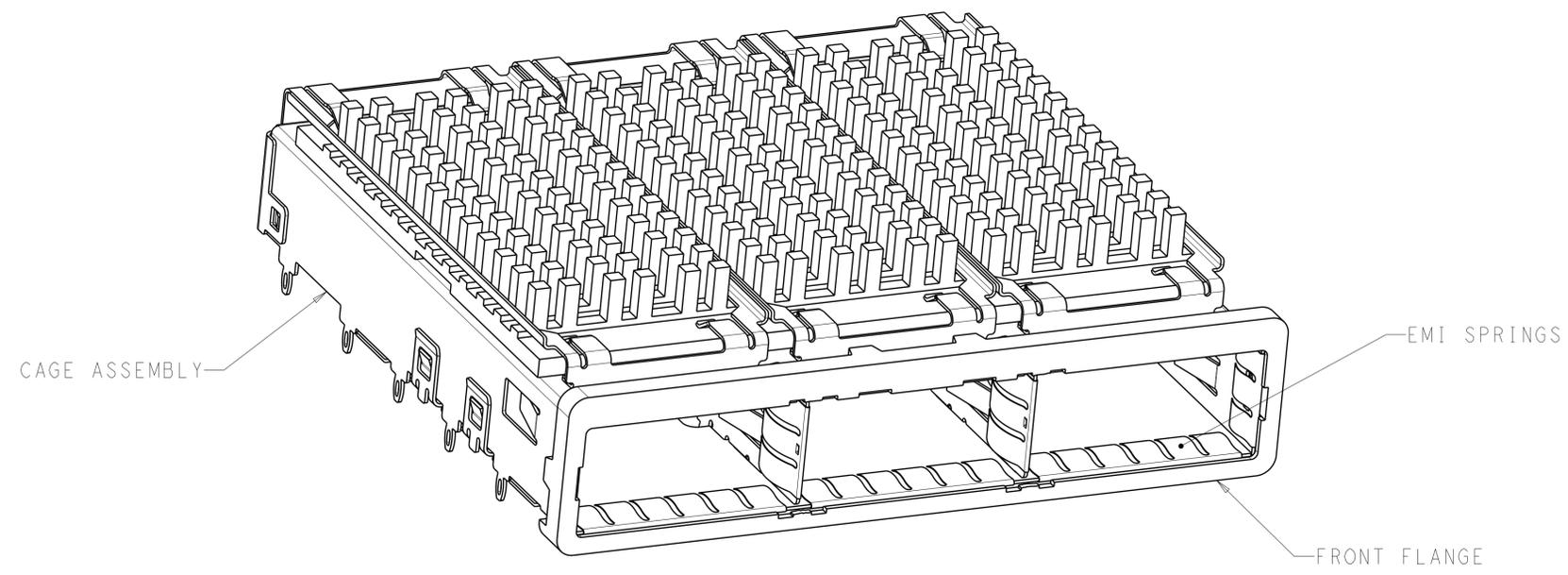
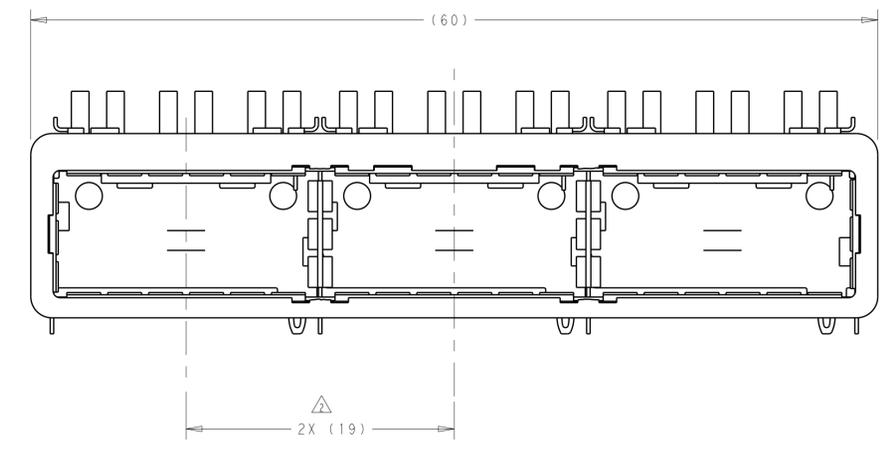
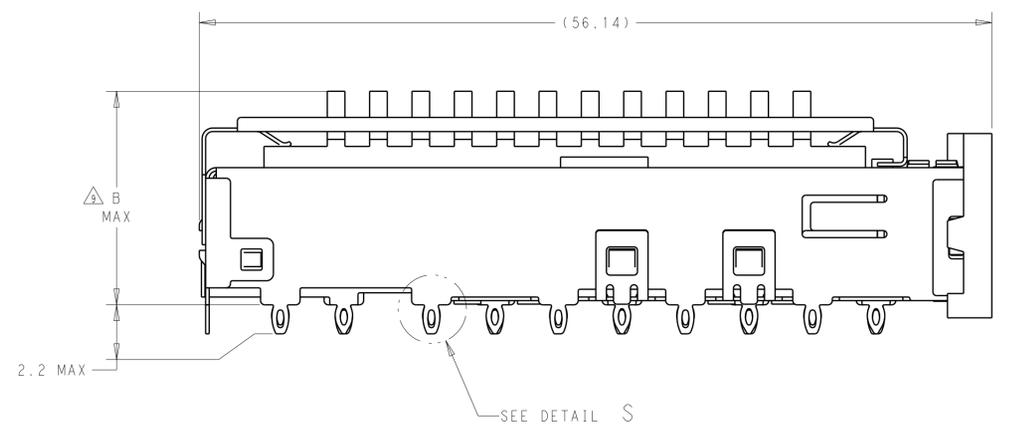


LOC		DIST		REVISIONS			
GP	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
		A		RELEASED PER ECO-13-000076	16JAN2013	CJV	EDB



DETAIL S  $\Delta 12$   
 SCALE 20:1

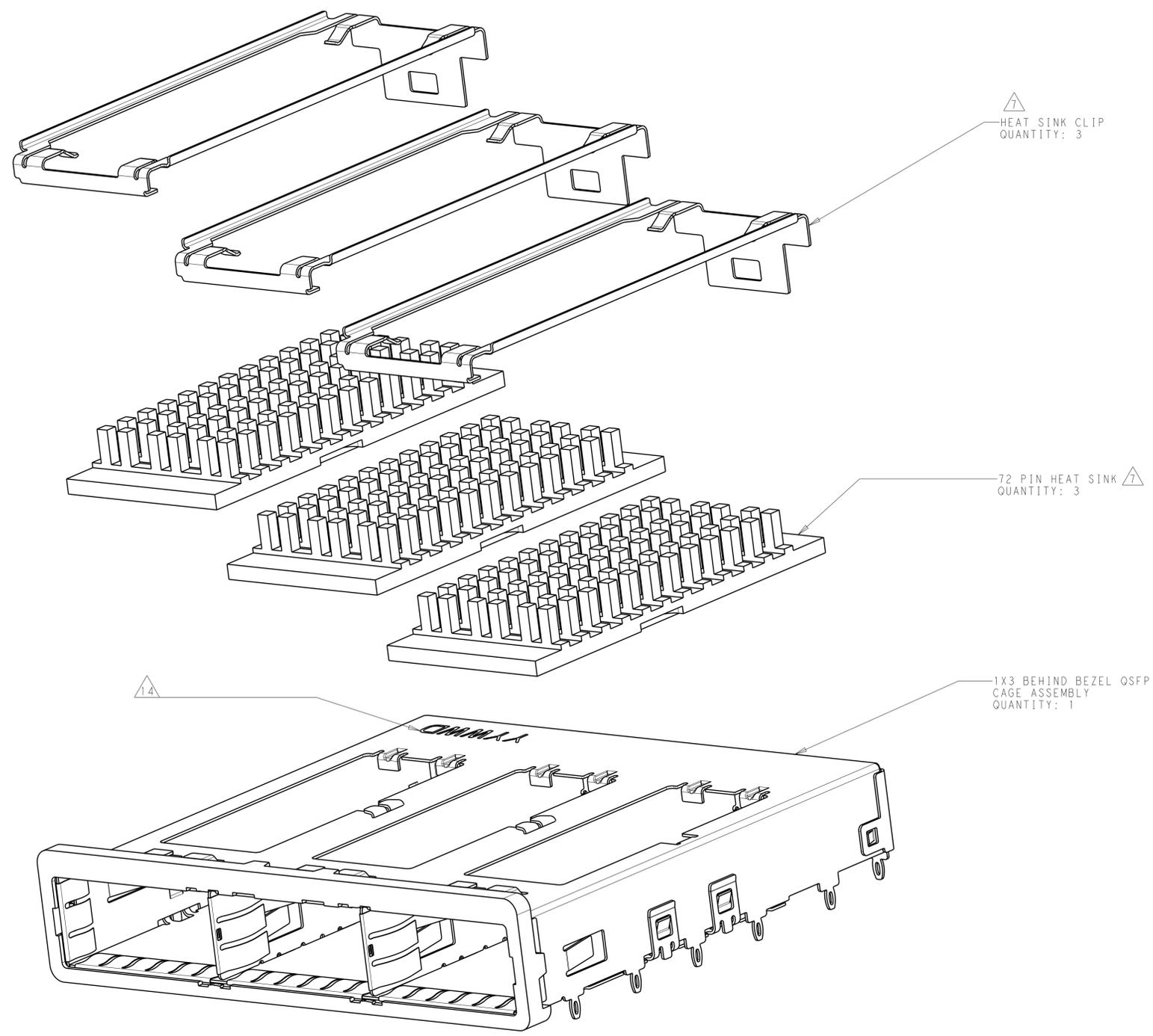
- $\Delta$  MATERIALS:
- CAGE ASSEMBLY: NICKEL SILVER, 0.25 THICK
- EMI SPRINGS: COPPER ALLOY
- FRONT FLANGE: ZINC ALLOY
- HEAT SINK: ALUMINUM
- HEAT SINK CLIP: STAINLESS STEEL
- $\Delta$  PITCH BETWEEN PORTS OF ONE 1X3 CAGE ASSEMBLY.
- $\Delta$  SPACING BETWEEN CAGES ON THE SAME PC BOARD, TO BE SPECIFIED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



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

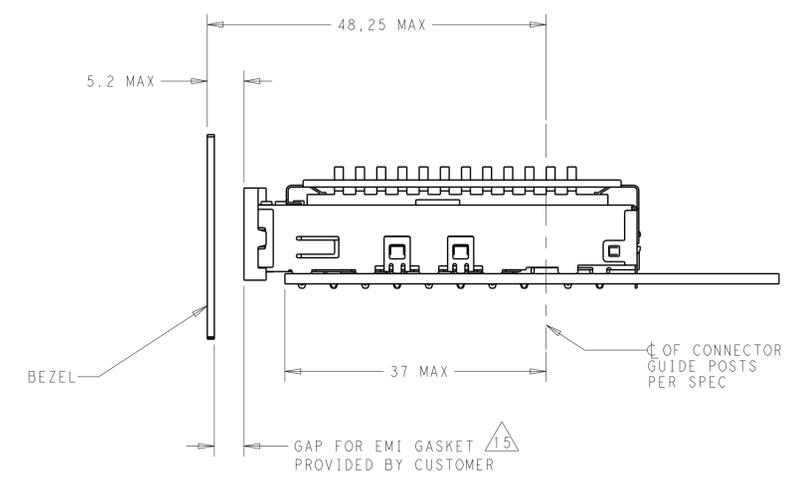
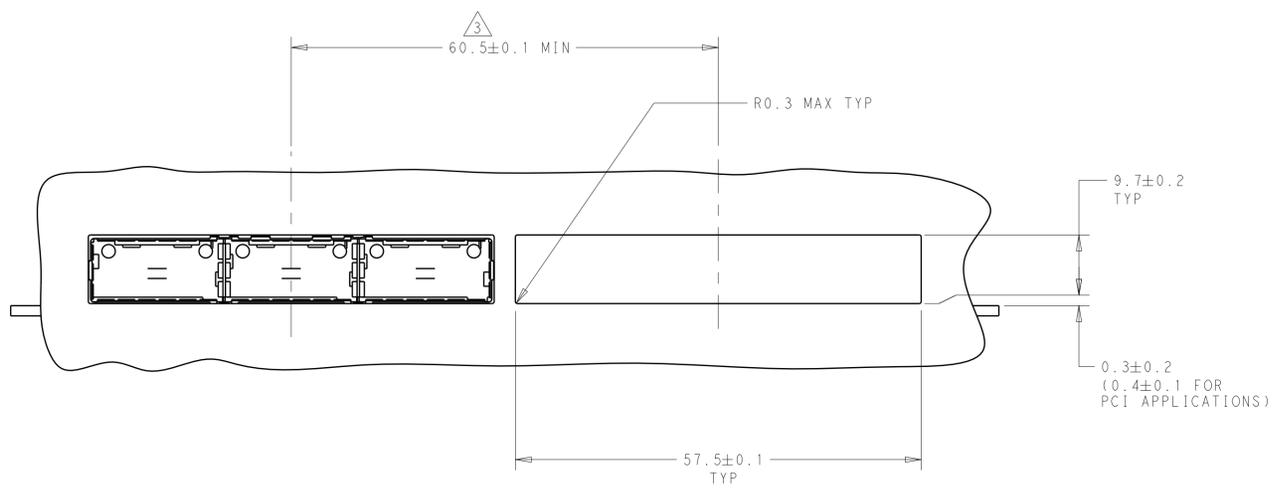
THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009.		DWN: J.V.D. HEIJDEN 12AUG2011	TE Connectivity
DIMENSIONS: mm		CHK: R. VERBEET 12AUG2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: T.D. ROER 15AUG2011	NAME: 1X3 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, 2QSFP+
0 PLC $\pm$ 1 PLC $\pm 0.1$ 2 PLC $\pm 0.1$ 3 PLC $\pm 0.013$ 4 PLC $\pm 0.0001$ ANGLES $\pm$		PRODUCT SPEC: 108-XXXX APPLICATION SPEC: 114-XXXX	
MATERIAL: $\Delta$	FINISH: $\Delta 16$	WEIGHT: -	RESTRICTED TO: -
CUSTOMER DRAWING		SIZE: CAGE CODE DRAWING NO: A100779C=2173239	SCALE: 1:1 SHEET 1 OF 5 REV A

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

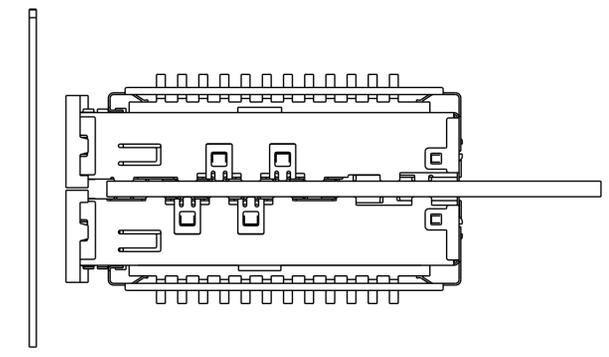
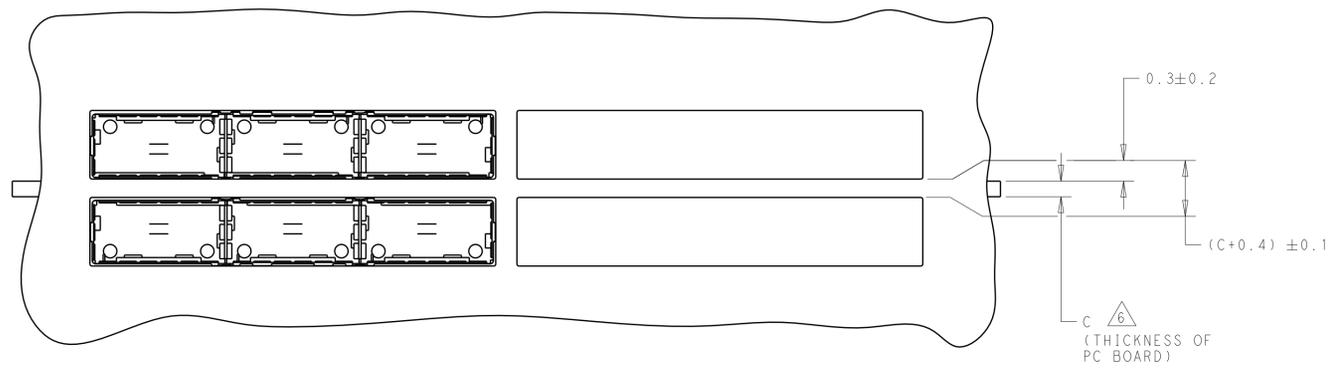


THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009.		DWN J.V.D. HEIJDEN 12AUG2011	TE Connectivity
TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK R. VERBEET 12AUG2011	
DIMENSIONS:	mm	APVD T.D. ROER 15AUG2011	NAME 1X3 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, 2QSFP+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

LOC	DIST	REVISIONS					
GP	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
		-		SEE SHEET 1	-	-	-



ONE SIDED CONFIGURATION  
SCALE 2:1



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

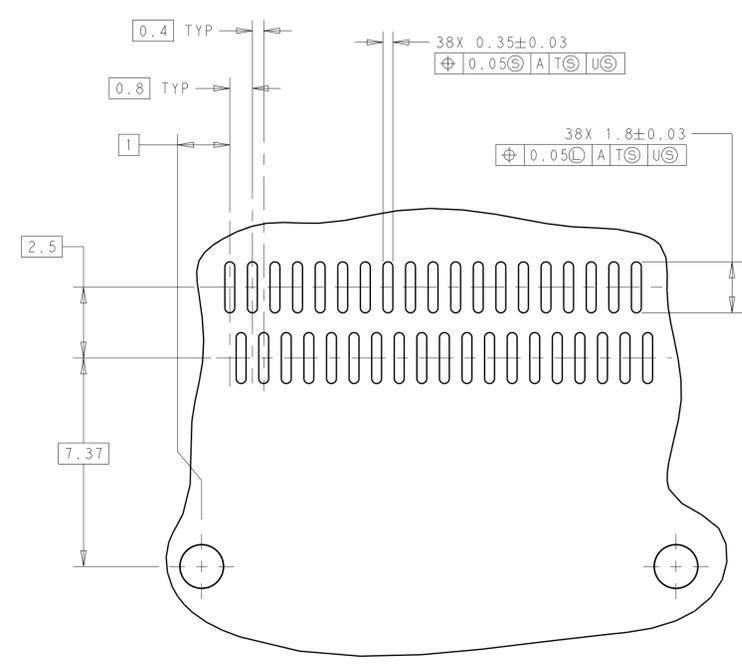
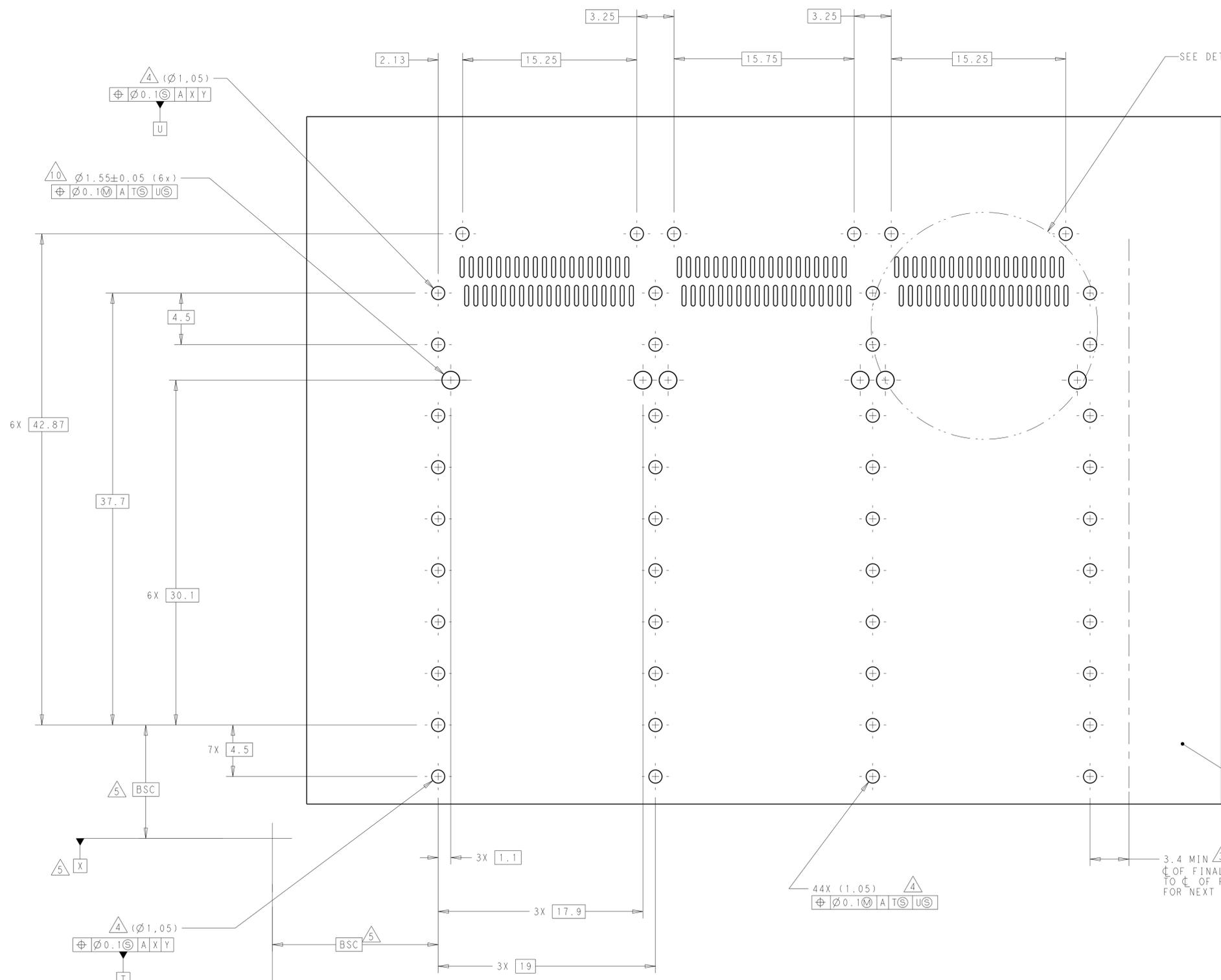
THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DMN J.V.D. HEIJDEN 12AUG2011	CHK R. VERBEEET 12AUG2011	APVD T.D. ROER 15AUG2011	NAME 1X3 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, 2QSFP+
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC			RESTRICTED TO
mm	0 PLC ± 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.013 4 PLC ±0.0001	APPLICATION SPEC			SIZE CAGE CODE DRAWING NO
MATERIAL	FINISH	WEIGHT			A100779C=2173239
CUSTOMER DRAWING		SCALE 4:1			SHEET 3 OF 5 REV A



LOC	DIST	REV	DATE	BY	APPD
GP	00				

REVISIONS			
REV	DATE	BY	APPD
-	SEE SHEET 1	-	-



DETAIL K  
 3 PLACES  
 SCALE 8:1

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 CHK: R. VERBEET APVD: T.D. ROER DATE: 12AUG2011 DATE: 15AUG2011	<b>STE</b> TE Connectivity NAME: 1X3 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, 2QSFP+ SIZE: CAGE CODE DRAWING NO: A100779 WEIGHT: - SCALE: 1:1
DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.013 4 PLC ±0.0001 FINISH: -	PRODUCT SPEC: 108- APPLICATION SPEC: 114- RESTRICTED TO: -	SHEET 5 OF 5 REV A	CUSTOMER DRAWING

## 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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