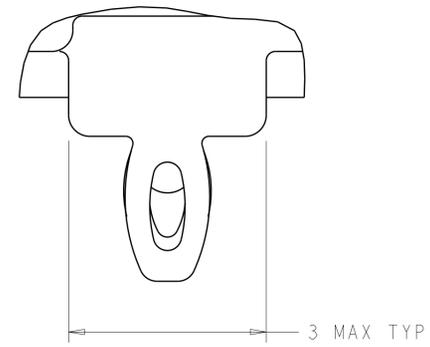


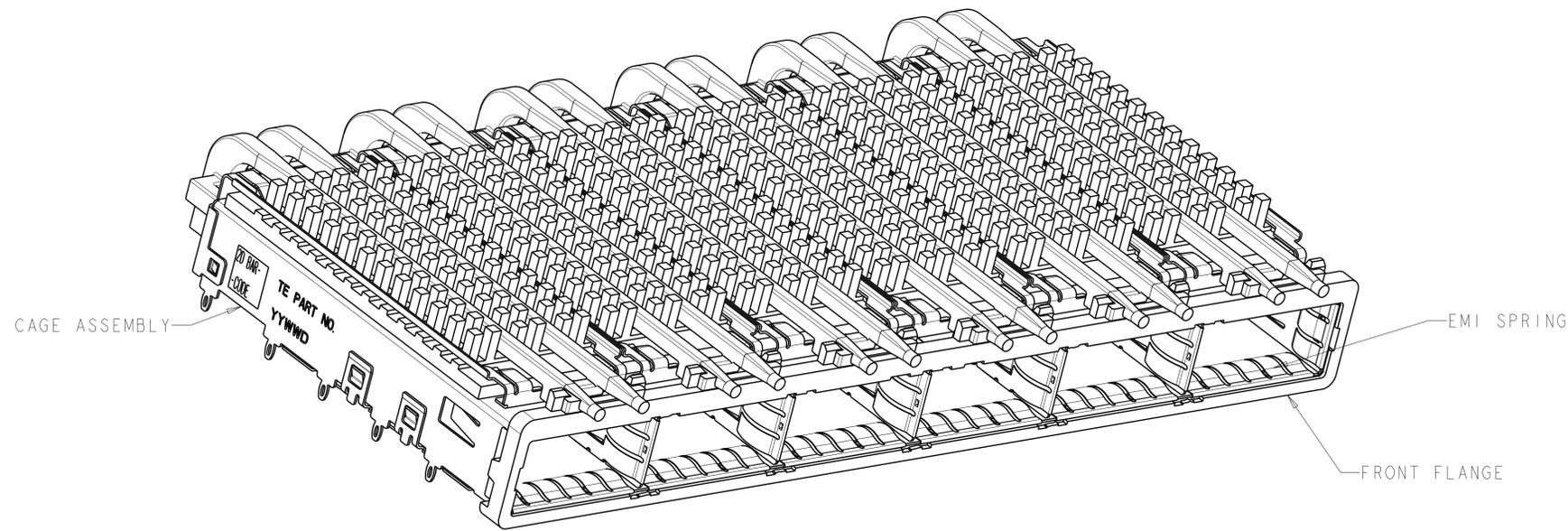
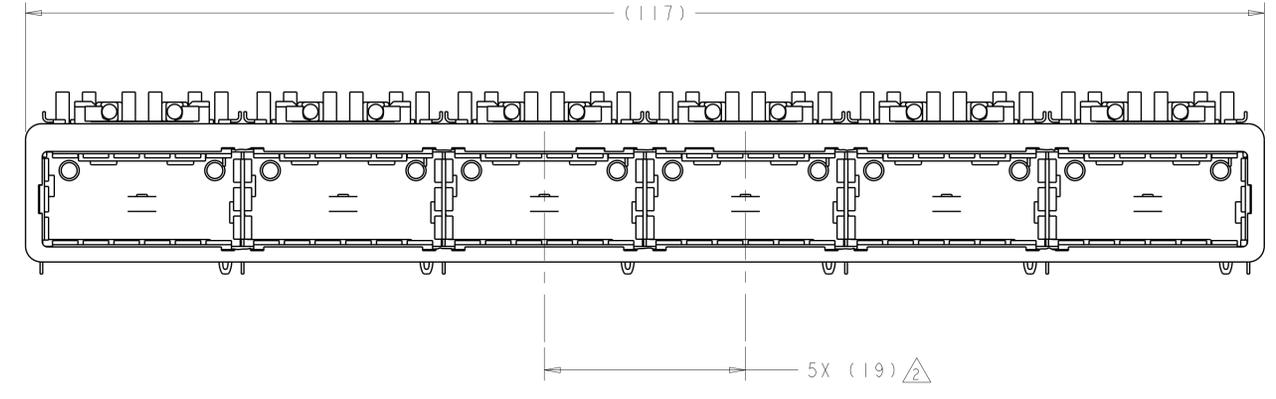
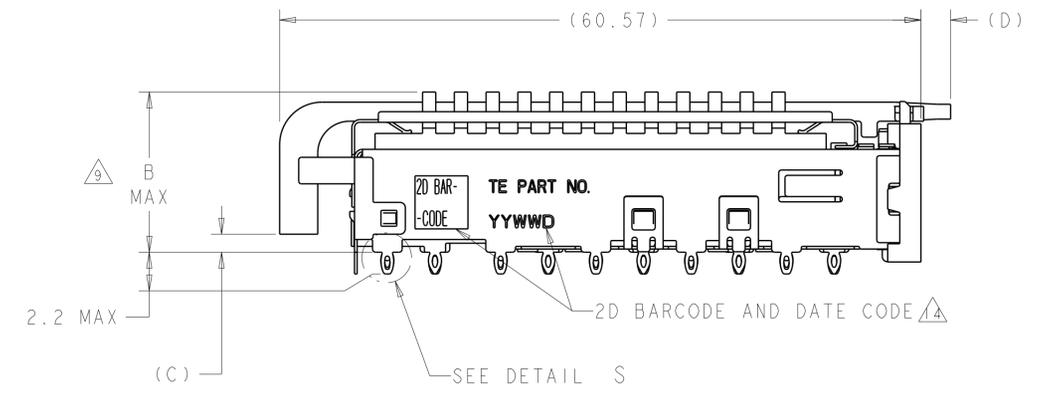
LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DWN	APVD
GP	00	2		UPDATED VIEWS	04JUN2010	CJV	JRP
		3		REVISED PER ECO-12-003841	14MAR2012	TY	KS
		4		REVISED PER ECR-12-006970	17APR2012	KS	AC
		5		REVISED PER ECO-15-005721	4AUG2015	RG	SH



DETAIL S  
 SCALE 20:1

- 1 CAGE ASSEMBLY MATERIAL: NICKEL SILVER, 0.25 THICK  
 HEAT SINK MATERIAL: ALUMINUM  
 HEAT SINK CLIP MATERIAL: STAINLESS STEEL  
 EMI SPRING MATERIAL: COPPER ALLOY  
 FRONT FLANGE MATERIAL: ZINC ALLOY  
 LIGHT PIPE MATERIAL: CLEAR POLYCARBONATE
- 2 PITCH BETWEEN PORTS OF ONE 1X6 CAGE ASSEMBLY.
- 3 SPACING BETWEEN CAGES ON THE SAME PC BOARD, TO BE SPECIFIED BY CUSTOMER, MUST COMPLY WITH MINIMUM DIMENSIONS SHOWN.
- 4 REFERENCE APPLICATION SPEC 114-13218 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 5 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 6 DIMENSION F IS THE NOMINAL THICKNESS OF CUSTOMER SUPPLIED PC BOARD,  
 SINGLE SIDED PC BOARD MINIMUM THICKNESS = 1.45mm  
 DOUBLE SIDED PC BOARD MINIMUM THICKNESS = 2.2mm PER QSFP.
- 7 HEAT SINKS, LIGHT PIPES, AND HEAT SINK CLIPS SHIPPED ASSEMBLED TO CAGE ASSEMBLY. CAGE ASSEMBLY MAY BE PRESSED INTO THE PCB AS SHIPPED.
- 8 DATUM A IS TOP SURFACE OF PC BOARD.
- 9 DIMENSION APPLIES WITH MODULE INSERTED IN CAGE.
- 10 UNPLATED THRU HOLE.
- 11 MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
- 12 SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL S, CONTACT PC BOARD.
- 13 BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE.
- 14 2D BARCODE AND DATE CODE (YYWW) MARKED ON SIDE OF CAGE.

- 15 REFERENCE APP SPEC 114-13218 FOR GASKET THICKNESS CALCULATION.
- 16 EMI SPRING FINISH: 2µm MINIMUM TIN  
 FRONT FLANGE FINISH: 3µm MINIMUM TIN OVER 1.27µm MINIMUM NICKEL  
 OVER 5.08µm MINIMUM COPPER.  
 HEAT SINK FINISH: NICKEL
- 17 HEAT SINKS AND CLIPS SHIPPED ASSEMBLED TO CAGE ASSEMBLY. CAGE ASSEMBLY MAY BE PRESSED INTO THE PCB AS SHIPPED. LIGHT PIPES, SHIPPED UNATTACHED, MUST BE ASSEMBLED BY CUSTOMER AFTER THE CASE IS SEATED IN THE PCB.



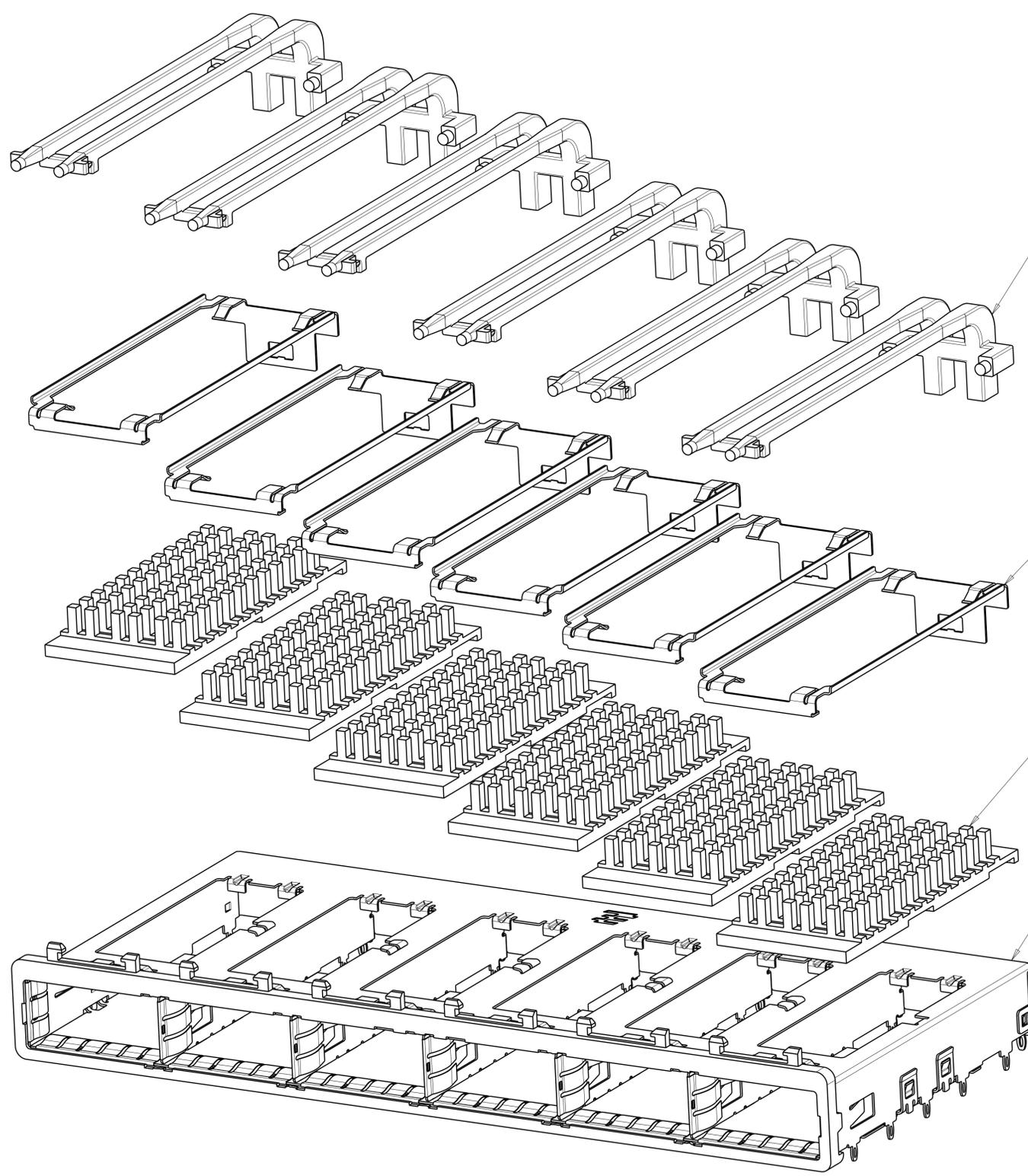
7	0.8-1.1	2.8	1.70	23.0	NETWORKING	2143307-3
7	0.8-1.1	2.8	1.70	16.0	SAN	2143307-2
17	0.8-1.1	2.8	1.70	13.7	PCI	2143307-1
	E	D	C	B	HEAT SINK PROFILE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: C. VALENTINE 04MAR2010	NAME: J. PETERSON 04MAR2010
mm	0 PLC ±0.1	CHK: J. PETERSON 04MAR2010	APVD: J. PETERSON 04MAR2010
	1 PLC ±0.1	PRODUCT SPEC: 108-2286	
	2 PLC ±0.1	APPLICATION SPEC: 114-13218	
	3 PLC ±0.013	SIZE: A	CAGE CODE: 00779
	4 PLC ±0.001	DRAWING NO: C=2143307	RESTRICTED TO: -
	ANGLES ±0.0001	WEIGHT: -	SHEET 1 OF 5
MATERIAL:	FINISH:	CUSTOMER DRAWING	SCALE: 3:1

REV 5

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



DOUBLE LIGHT PIPES  $\triangle\triangle\triangle$   
 QUANTITY: 6

HEAT SINK CLIPS  $\triangle\triangle\triangle$   
 QUANTITY: 6

72 PIN HEAT SINKS  $\triangle\triangle\triangle$   
 QUANTITY: 6

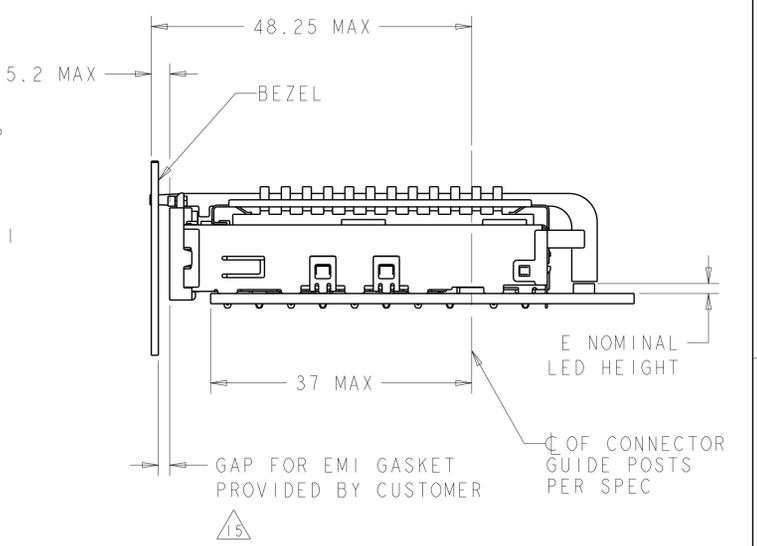
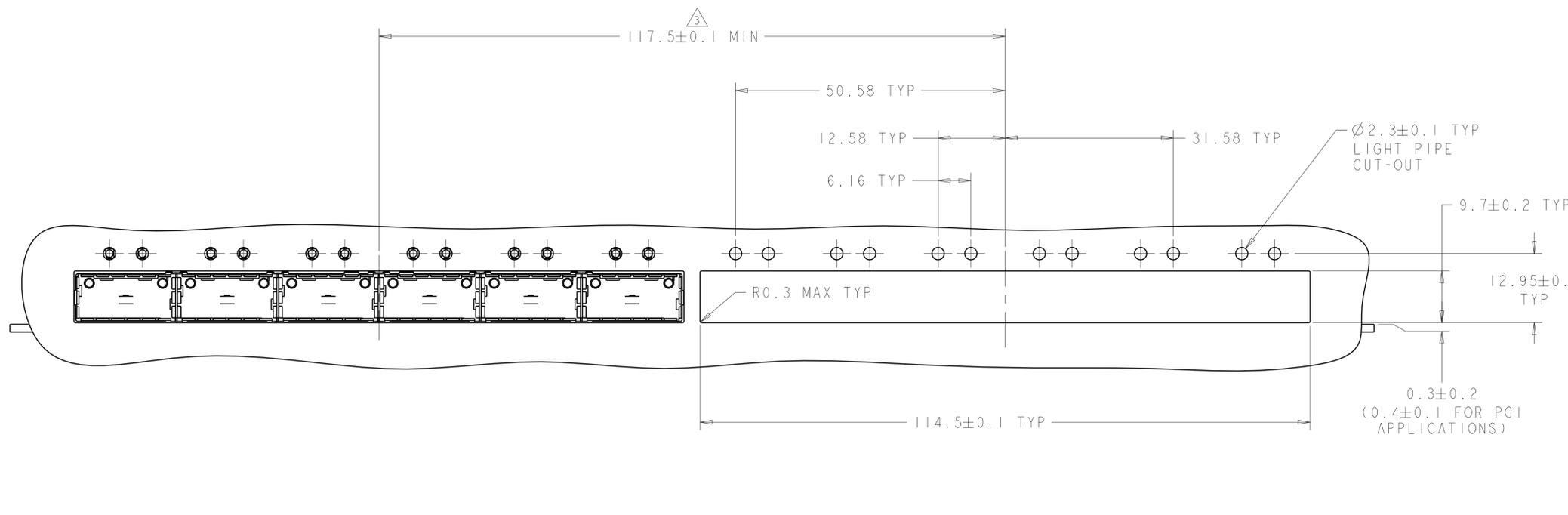
1X6 BEHIND BEZEL QSFP  
 CAGE ASSEMBLY  
 QUANTITY: 1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE 04MAR2010	TE Connectivity
DIMENSIONS: mm		CHK J. PETERSON 04MAR2010	
		APVD J. PETERSON 04MAR2010	NAME 1X6 CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPES AND HEAT SINKS, QSFP
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC 108-2286	RESTRICTED TO
0 PLC ±.1		APPLICATION SPEC 114-13218	SIZE A100779C=2143307
1 PLC ±0.1		WEIGHT	SCALE 3:1 SHEET 2 OF 5 REV 5
2 PLC ±0.1		CUSTOMER DRAWING	
3 PLC ±0.013			
4 PLC ±0.0001			
ANGLES ±.1			
FINISH			

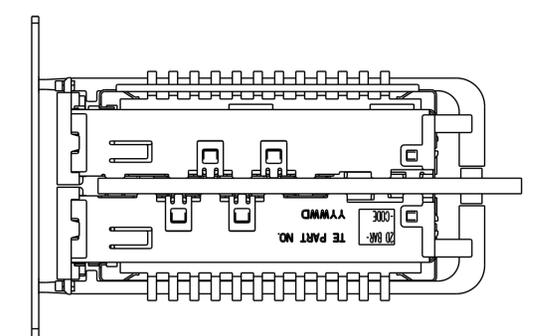
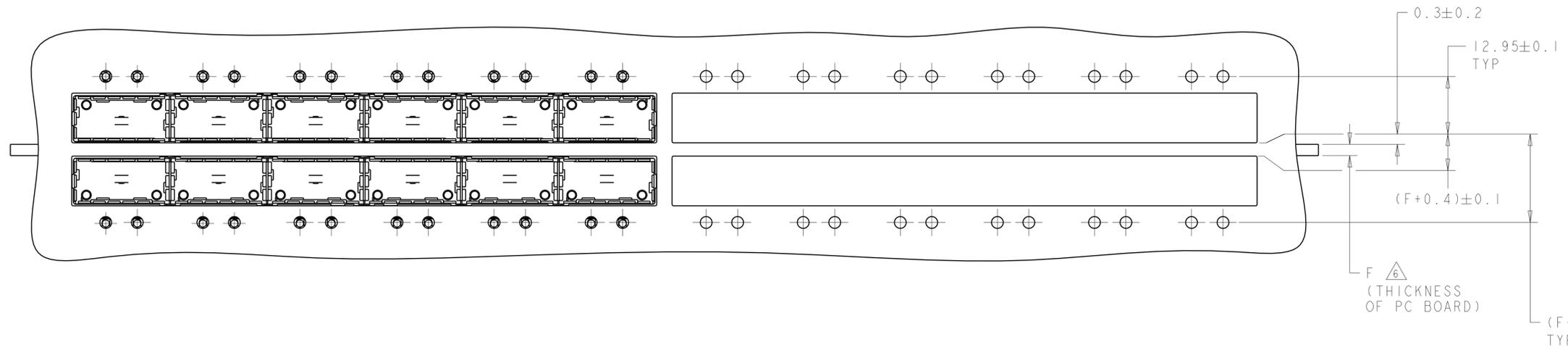
LOC	DIST	REV	DATE	BY	APPD
GP	00				

REVISIONS			
NO.	DESCRIPTION	DATE	BY
-	SEE SHEET 1	-	-



ONE SIDED CONFIGURATION  
SCALE 2:1



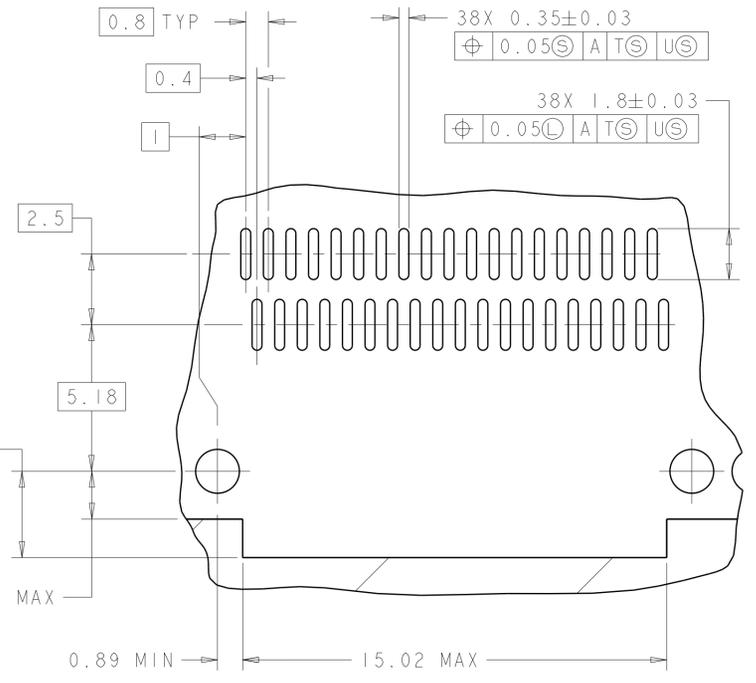
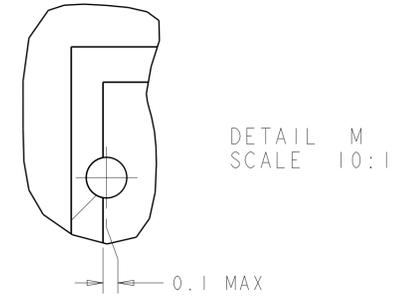
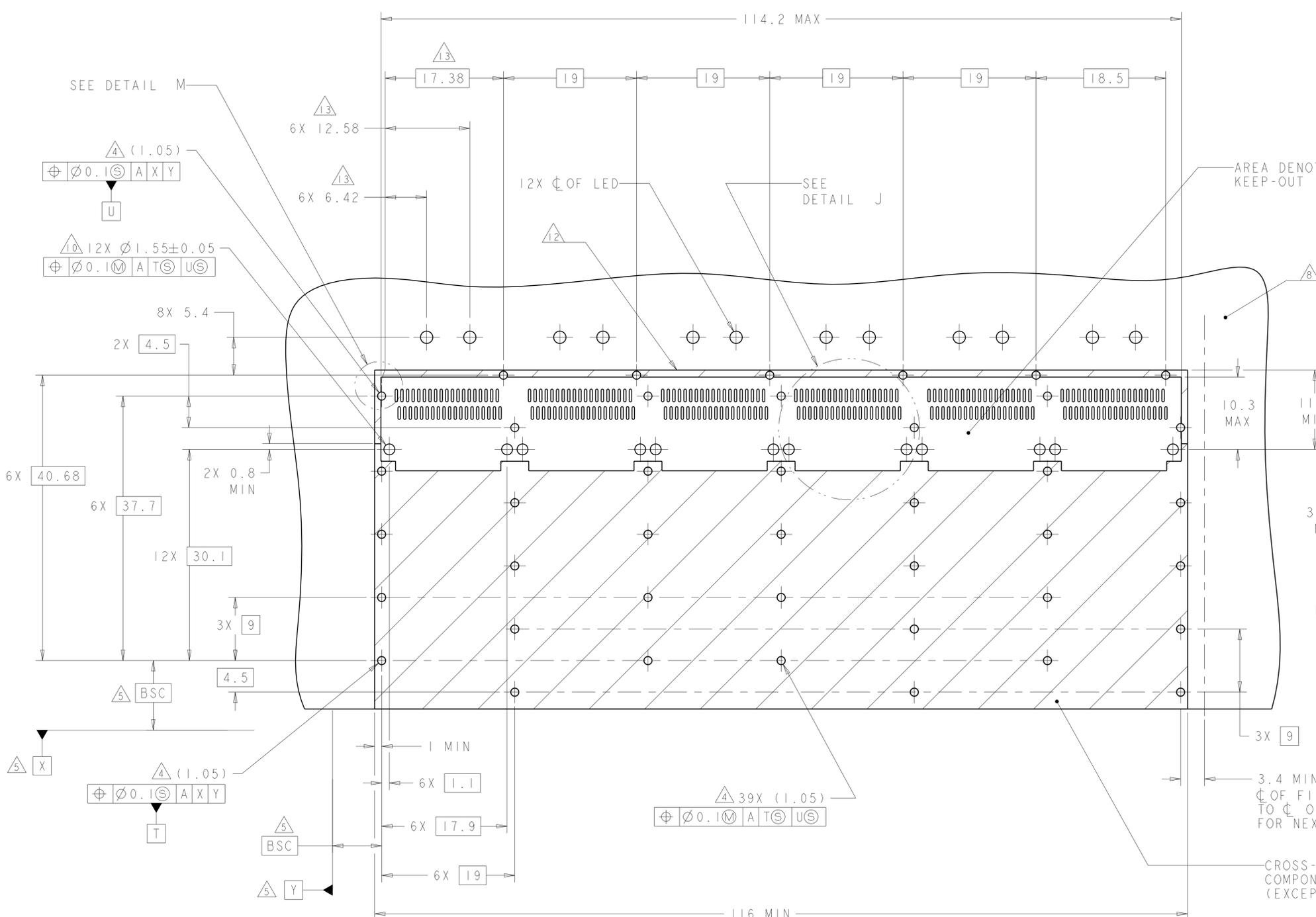
BELLY TO BELLY CONFIGURATION  
SIMILAR TO ONE SIDED  
EXCEPT WHERE NOTED  
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: C. VALENTINE 04MAR2010	
DIMENSIONS: mm		CHK: J. PETERSON 04MAR2010	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: J. PETERSON 04MAR2010	NAME: 1X6 CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPES AND HEAT SINKS, QSFP PRODUCT SPEC: 108-2286 APPLICATION SPEC: 114-13218
0 PLC ±. 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±.		SIZE: CAGE CODE: DRAWING NO: A100779C=2143307	
MATERIAL: . FINISH: .		WEIGHT: .	RESTRICTED TO: .
		CUSTOMER DRAWING	SCALE: 3:1 SHEET 3 OF 5 REV 5

LOC	DIST	REV	DATE	BY	APPV
GP	00				

REVISIONS			
NO.	DESCRIPTION	DATE	BY
-	SEE SHEET 1	-	-



RECOMMENDED PC BOARD LAYOUT  
 SINGLE SIDE MOUNT CONFIGURATION  
 SCALE 3:1

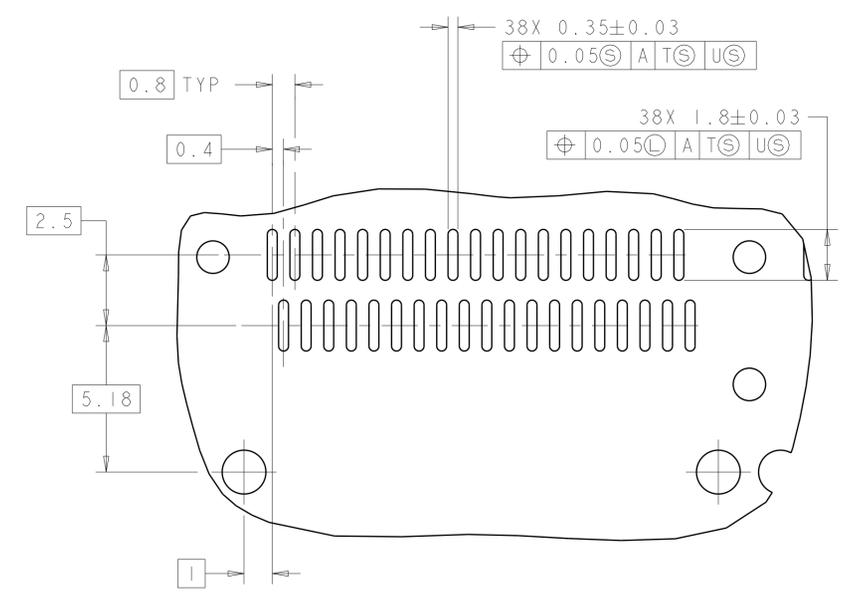
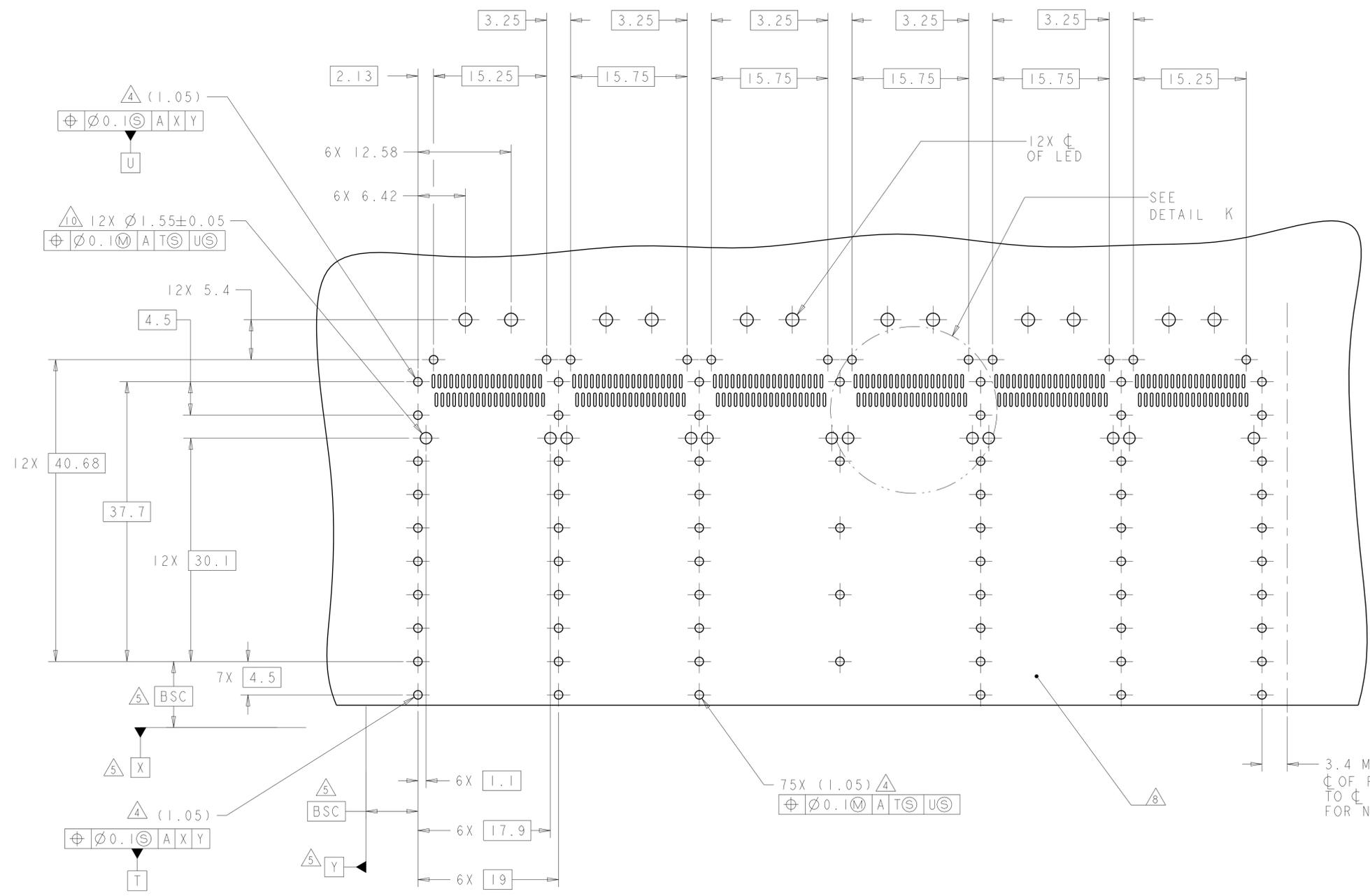
CROSS-HATCHED AREA DENOTES  
 COMPONENT AND TRACE KEEP-OUT  
 (EXCEPT CHASSIS GROUND)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE 04MAR2010	TE Connectivity
DIMENSIONS:		CHK J. PETERSON 04MAR2010	
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD J. PETERSON 04MAR2010	NAME 1X6 CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPES AND HEAT SINKS, QSFP
	0 PLC ±.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±.1	PRODUCT SPEC 108-2286	SIZE A100779
MATERIAL	FINISH	APPLICATION SPEC 114-13218	RESTRICTED TO
		WEIGHT	SCALE 3:1 SHEET 4 OF 5 REV 5
		CUSTOMER DRAWING	

LOC	DIST	REV	DATE	BY	APPV
GP	00				

REVISIONS					
REV	DATE	BY	APPV	DESCRIPTION	DATE
-	-	-	-	SEE SHEET 1	-



DETAIL K  
 6 PLACES  
 SCALE 8:1

RECOMMENDED PC BOARD LAYOUT  
 BELLY TO BELLY CONFIGURATION  
 SEE SHEET 4 FOR COMPONENT AND TRACE KEEP-OUTS  
 SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE 04MAR2010 CHK J. PETERSON 04MAR2010 APVD J. PETERSON 04MAR2010	TE Connectivity
DIMENSIONS: mm 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±	NAME 1X6 CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPES AND HEAT SINKS, QSFP PRODUCT SPEC 108-2286 APPLICATION SPEC 114-13218 WEIGHT CUSTOMER DRAWING	
MATERIAL		SCALE 3:1	SHEET 5 OF 5 REV 5

## 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

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9