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1

MATERIALS/FINISH:
CAGE ASSEMBLY - NICKEL-SILVER ALLOY, (0.25) THICK
EMI SPRINGS - COPPER ALLOY/2µm MIN TIN
FRONT FLANGE - ZINC ALLOY/3µm MIN TIN OVER 1.27µm MIN NICKEL OVER 5.08µm MIN COPPER
HEAT SINK - ALUMINUM/NICKEL
HEAT SINK CLIP - STAINLESS STEEL
LIGHT PIPE: CLEAR POLYCARBONATE

2

SPACING BETWEEN CAGES ON THE SAME PCB TO BE SPECIFIED BY THE CUSTOMER, MUST COMPLY WITH MINIMUM DIMENSION SHOWN

3

REFERENCE APPLICATION SPECIFICATION 114-32023 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS

4

DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER

5

HEAT SINKS AND CLIPS ARE SHIPPED ASSEMBLED, CAGE ASSEMBLY MAY BE PRESSED INTO THE PCB AS SHIPPED

6

DIMENSION APPLIES WITH MODULE INSERTED IN CAGE

7

UNPLATED THRU HOLE

8

MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER

9

SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS CONTACT PCB

10

BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE

11

DATE CODE (YYWWD) IS MARKED ON TOP OF CAGE BUT IS CONCEALED BY HEAT SINKS, APPLIES TO CAGE ASSEMBLY ONLY

12

REFERENCE APPLICATION SPECIFICATION 114-32023 FOR GASKET THICKNESS CALCULATION

13

HEAT SINKS, LIGHT PIPES AND CLIPS ARE SHIPPED ASSEMBLED, CAGE ASSEMBLY MAY BE PRESSED INTO THE PCB AS SHIPPED.

14

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 CAGE IS SEATED IN THE PCB.

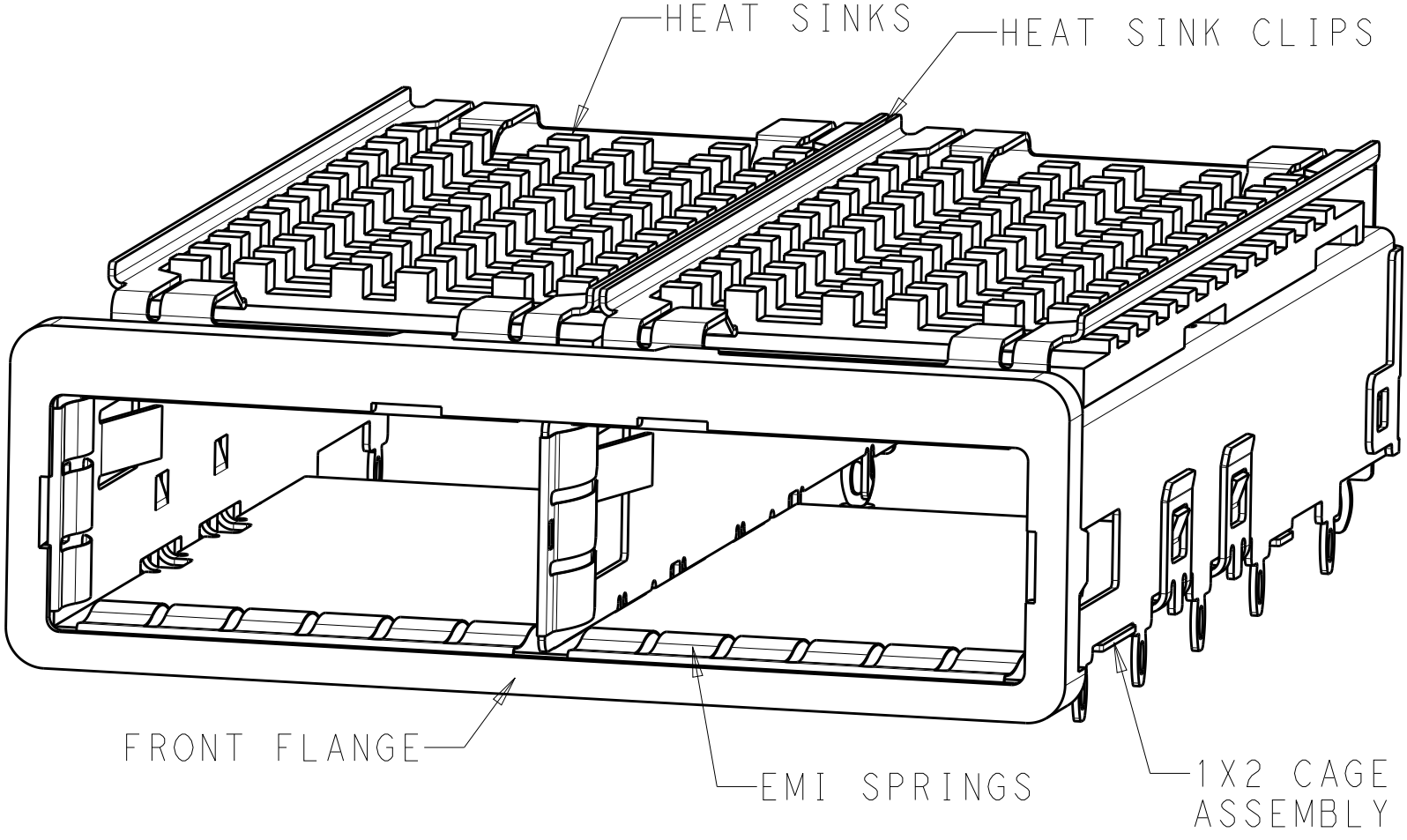
HEAT SINKS

HEAT SINK CLIPS

FRONT FLANGE

EMI SPRINGS

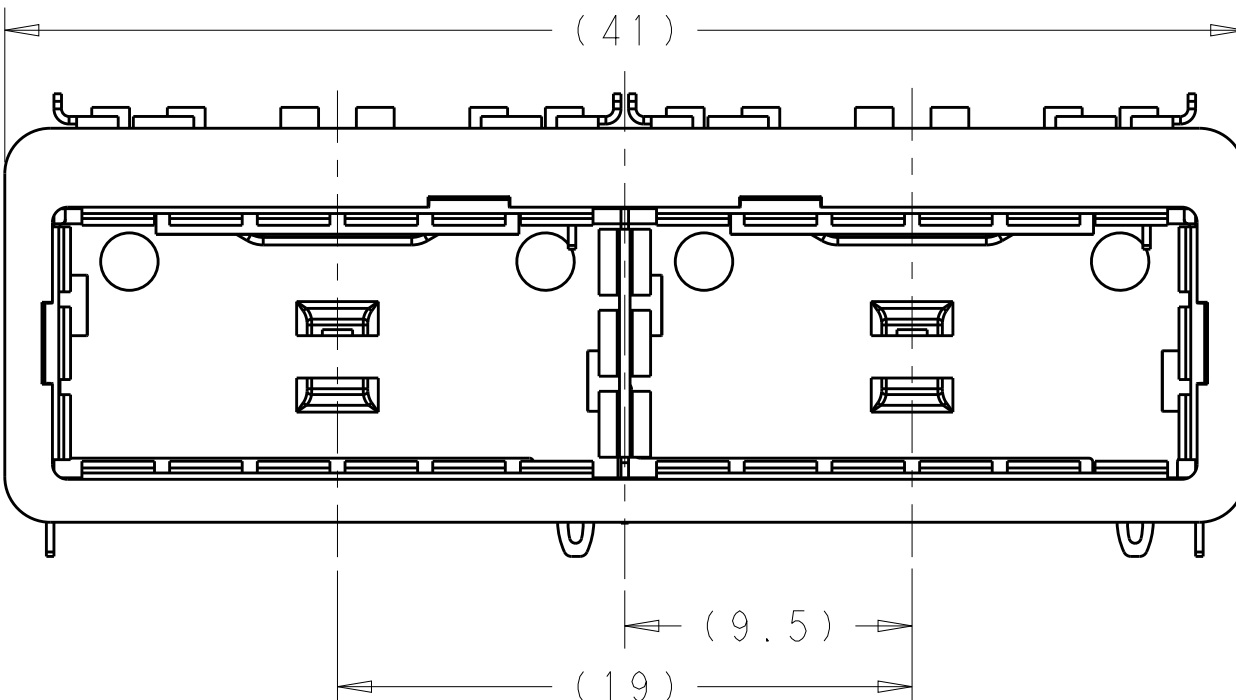
1X2 CAGE ASSEMBLY



(41)

(9.5)

(19)

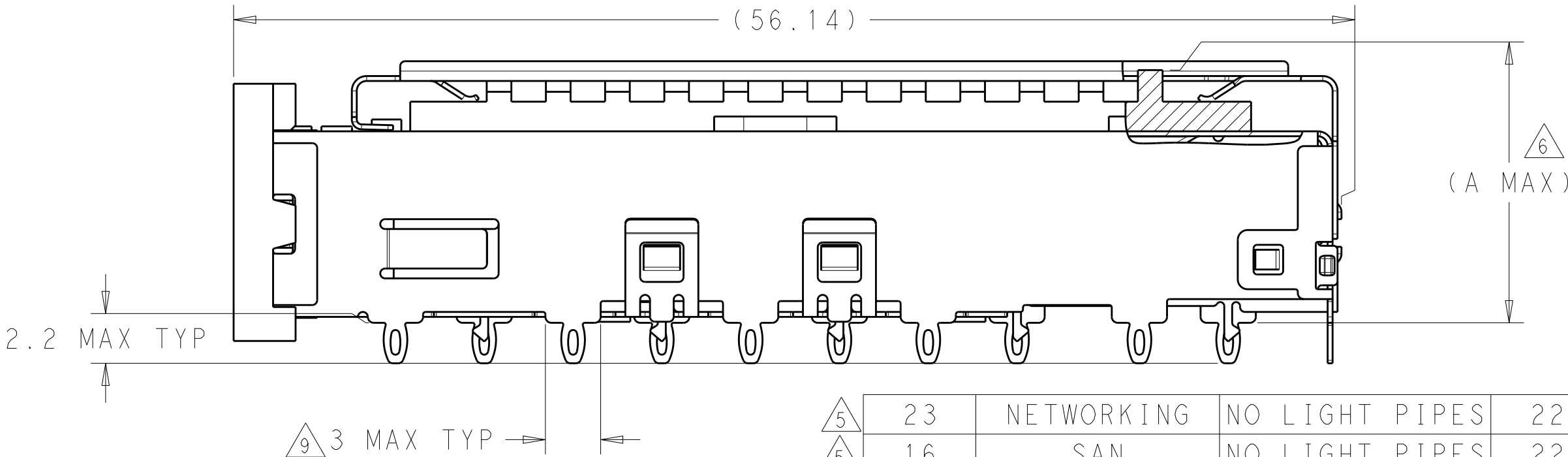


(56.14)

(A MAX)

2.2 MAX TYP

9.3 MAX TYP



5

23

NETWORKING

NO LIGHT PIPES

2227103-3

5

16

SAN

NO LIGHT PIPES

2227103-2

5

13.7

PCI

NO LIGHT PIPES

2227103-1

A

HEAT SINK PROFILE

DESCRIPTION

PART NUMBER

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

DIMENSIONS:

mm

MATERIAL

SEE NOTES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0.2

1 PLC ±0.15

2 PLC ±0.1

3 PLC ±0.05

4 PLC ±0.025

ANGLES ±1

FINISH

SEE NOTES

DWN M.E. COWHER 10AUG2012

CHK R.R. HENRY 16AUG2012

APVD R.R. HENRY 16AUG2012

PRODUCT SPEC 108-19428

APPLICATION SPEC 114-32023

WEIGHT -

Customer Drawing

TE Connectivity

RECEPTACLE ASSEMBLY WITH HEAT SINKS, BEHIND BEZEL, 1X2, QSFP28

SIZE A2

CAGE CODE 00779

DRAWING NO C-2227103

RESTRICTED TO -

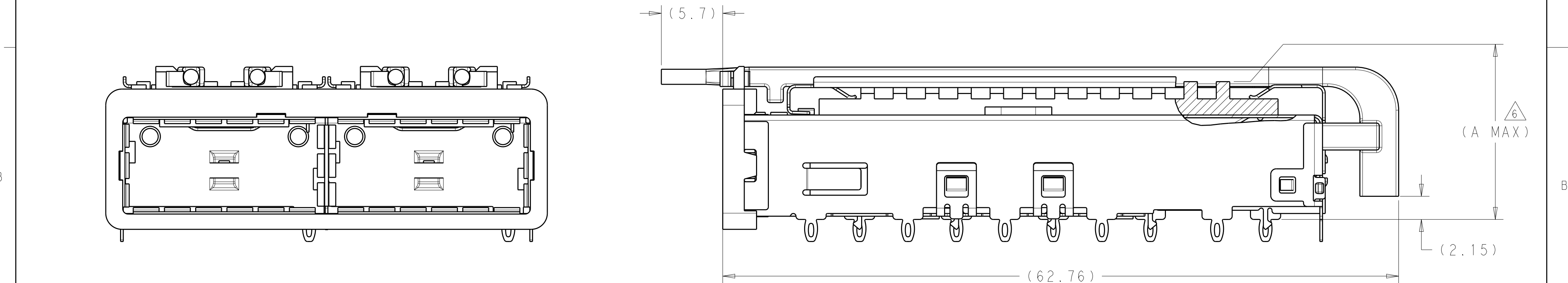
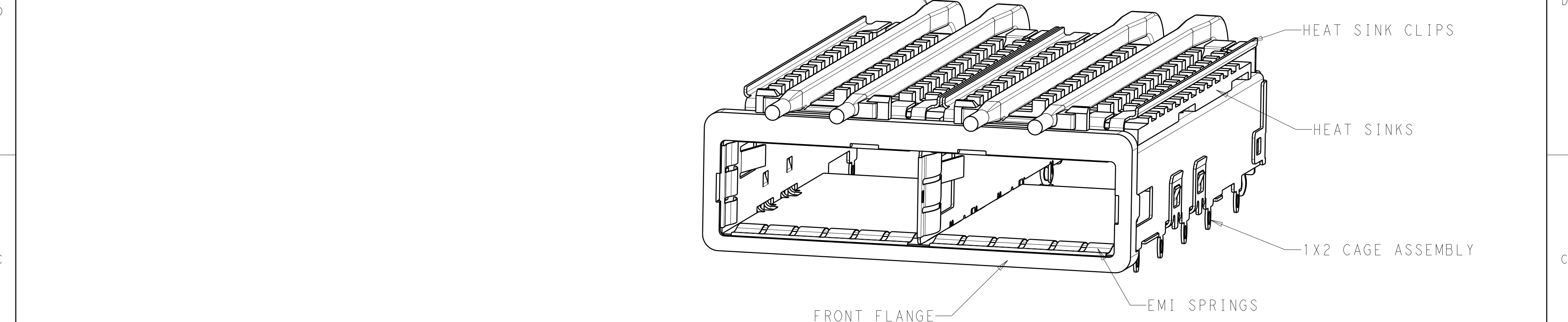
SCALE 4:1

SHEET 1 OF 8

REV B

1471-9 (3/11)

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



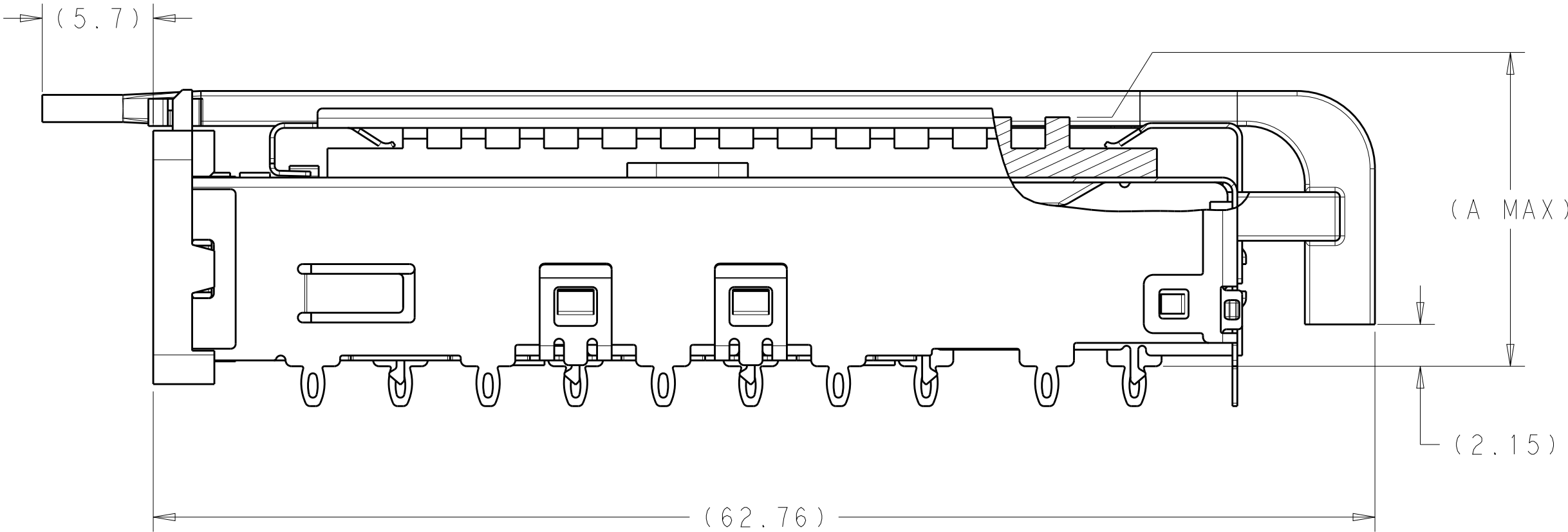
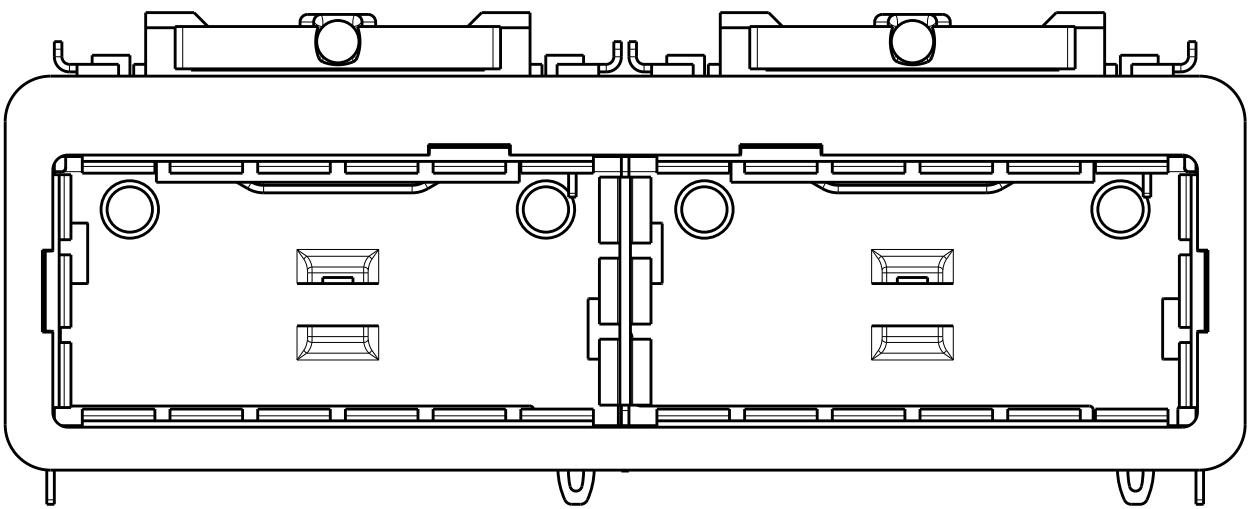
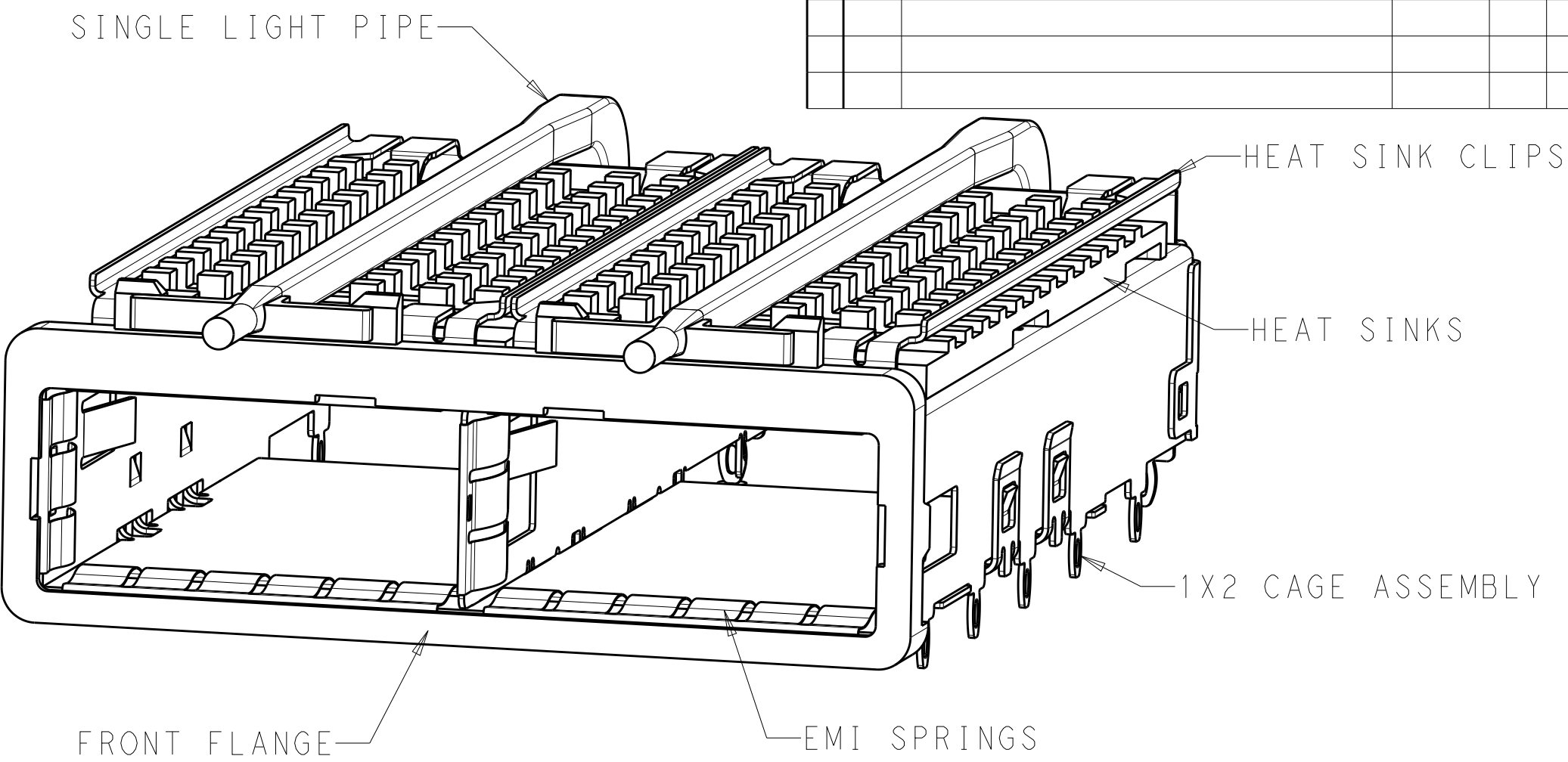
ALL DIMENSIONS THE SAME AS ON SHEET 1
EXCEPT AS SHOWN

PROPOSAL DESIGN: 2227103-4/5/6,
HAVE NOT RELEASED, ANY QUESTIONS,
PLEASE CONTACT RESPONSIBLE ENGINEER.

13	23	NETWORKING	DOUBLE LIGHT PIPES	2227103-6
13	16	SAN	DOUBLE LIGHT PIPES	2227103-5
14	13.7	PCI	DOUBLE LIGHT PIPES	2227103-4
	A	HEAT SINK PROFILE	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. COWHER 10AUG2012	TE Connectivity	
DIMENSIONS: mm		CHK R.R. HENRY 16AUG2012		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD R.R. HENRY 16AUG2012	NAME RECEPTACLE ASSEMBLY WITH HEAT SINKS, BEHIND BEZEL, 1X2, QSFP28	
0 PLC ±0.2 1 PLC ±0.15 2 PLC ±0.1 3 PLC ±0.05 4 PLC ±0.025 ANGLES ±1		PRODUCT SPEC 108-19428		
MATERIAL SEE NOTES material_2		APPLICATION SPEC 114-32023	SIZE A200779	
FINISH SEE NOTES finish_spec_2		WEIGHT -	DRAWING NO C-2227103	
		Customer Drawing	SCALE 4:1	SHEET 1 OF 8
			REV B	

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

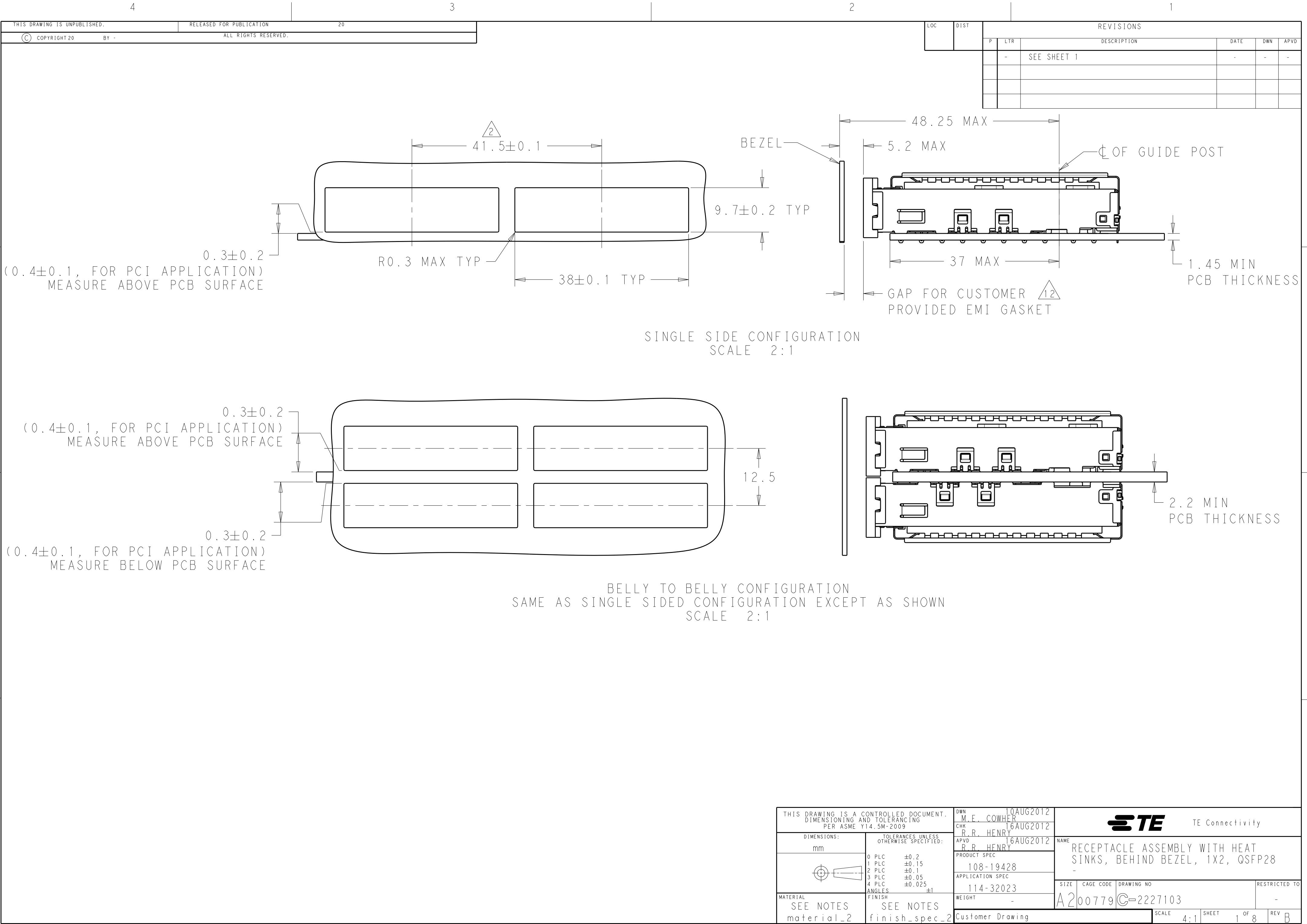


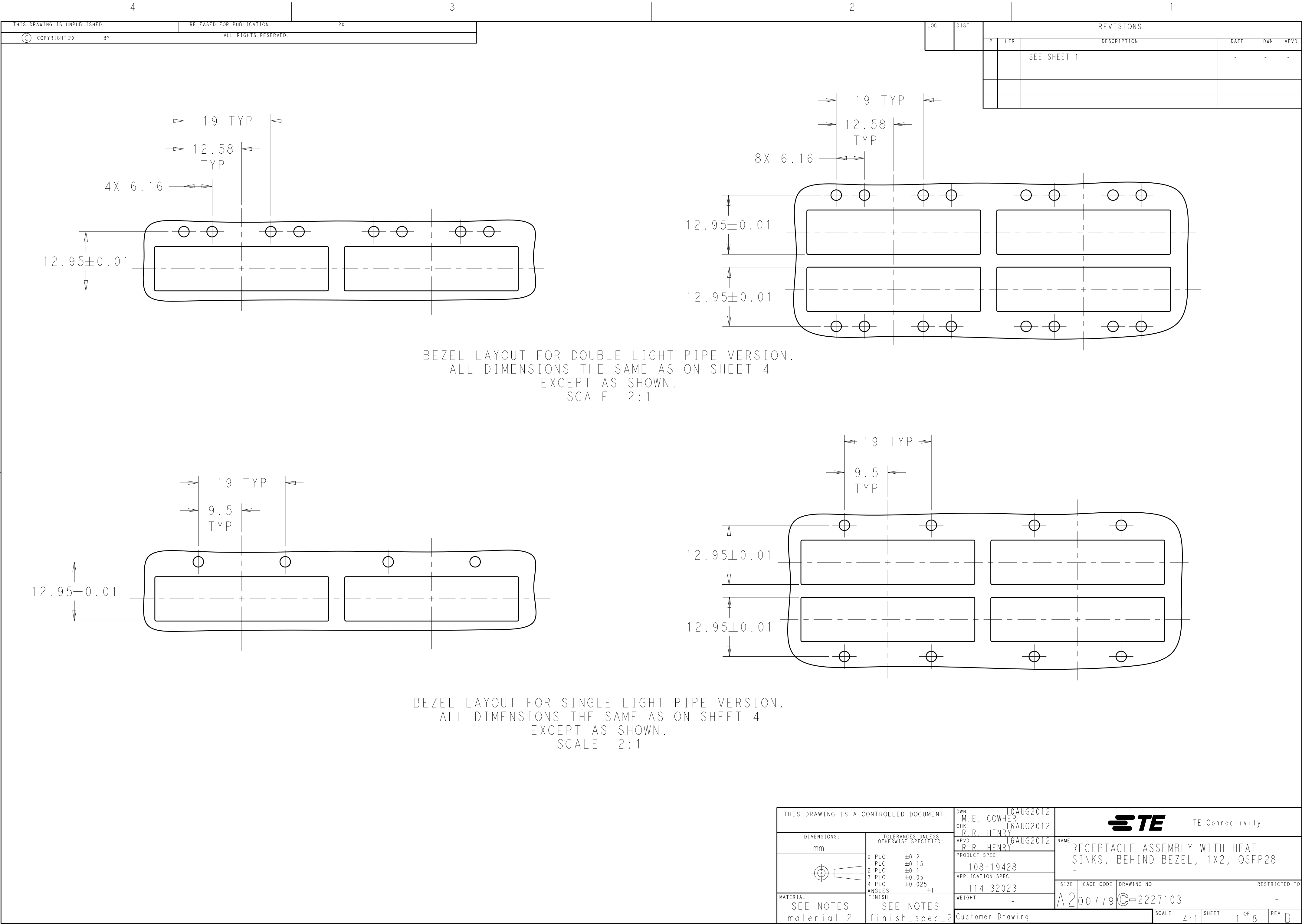
ALL DIMENSIONS THE SAME AS ON SHEET 1
EXCEPT AS SHOWN

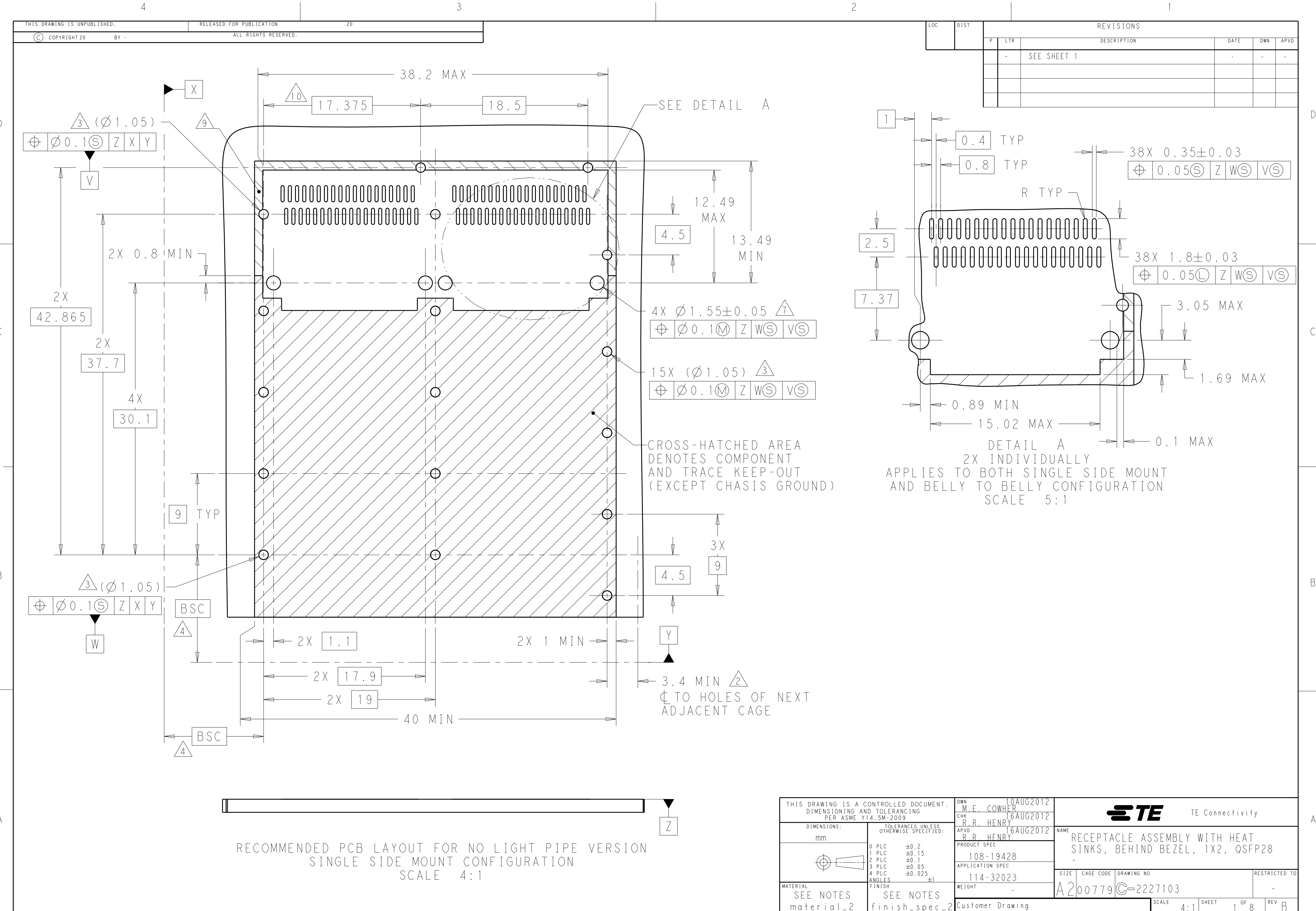
13	23	NETWORKING	SINGLE LIGHT PIPES	2227103-9
13	16	SAN	SINGLE LIGHT PIPES	2227103-8
14	13.7	PCI	SINGLE LIGHT PIPES	2227103-7
	A	HEAT SINK PROFILE	DESCRIPTION	PART NUMBER

PROPOSAL DESIGN: 2227103-7/8/9,
HAVE NOT RELEASED. ANY QUESTIONS,
PLEASE CONTACT RESPONSIBLE ENGINEER.

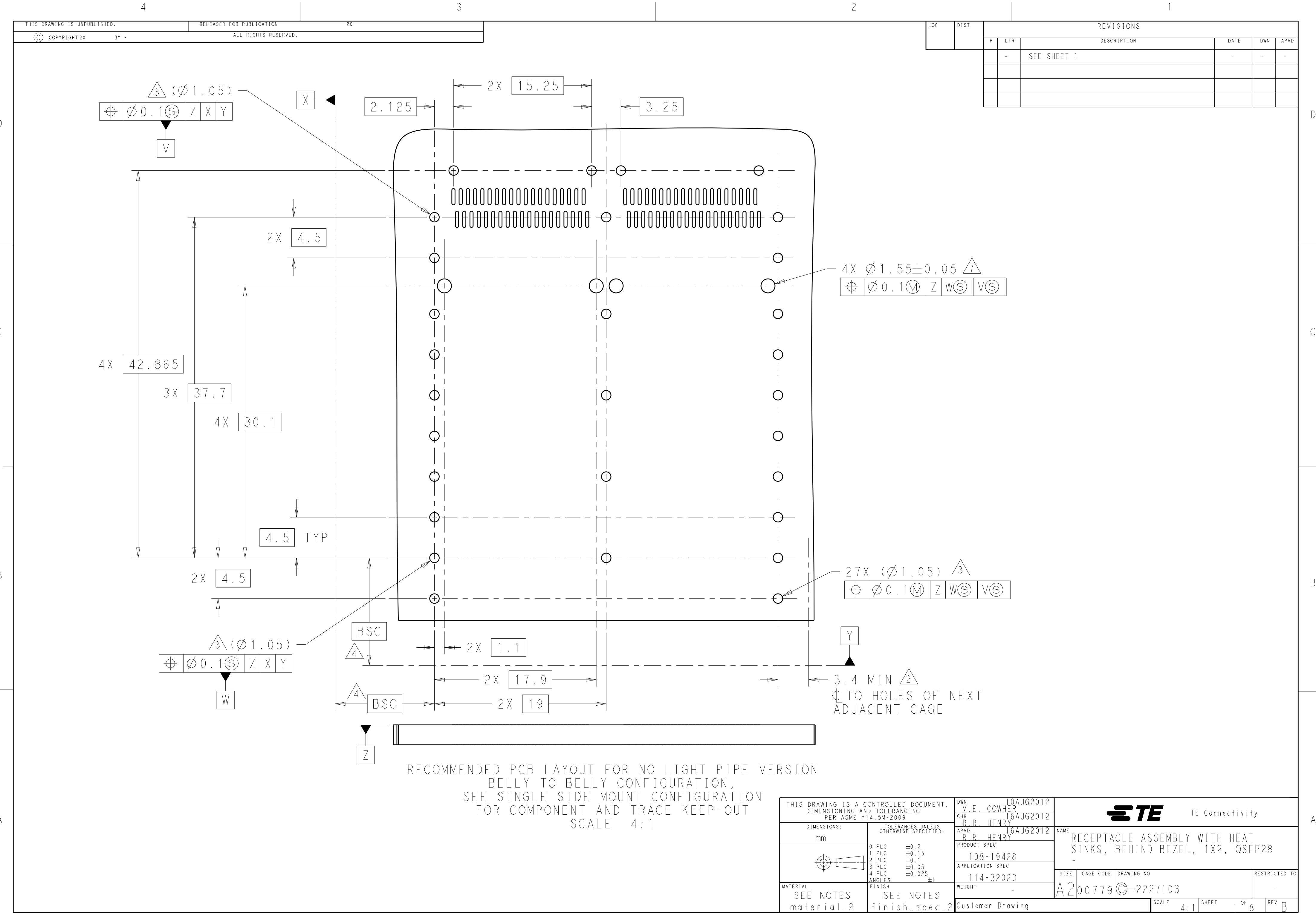
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. COWHER 10AUG2012	TE Connectivity	
DIMENSIONS: mm		CHK R.R. HENRY 16AUG2012		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD R.R. HENRY 16AUG2012	NAME RECEPTACLE ASSEMBLY WITH HEAT SINKS, BEHIND BEZEL, 1X2, QSFP28	
0 PLC ±0.2 1 PLC ±0.15 2 PLC ±0.1 3 PLC ±0.05 4 PLC ±0.025 ANGLES ±1		PRODUCT SPEC 108-19428		
MATERIAL SEE NOTES material_2		APPLICATION SPEC 114-32023	SIZE A200779	
FINISH SEE NOTES finish_spec_2		WEIGHT -	DRAWING NO C-2227103	
		Customer Drawing	SCALE 4:1	SHEET 1 OF 8
			REV B	







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																-	-	SEE SHEET 1		-	-	-



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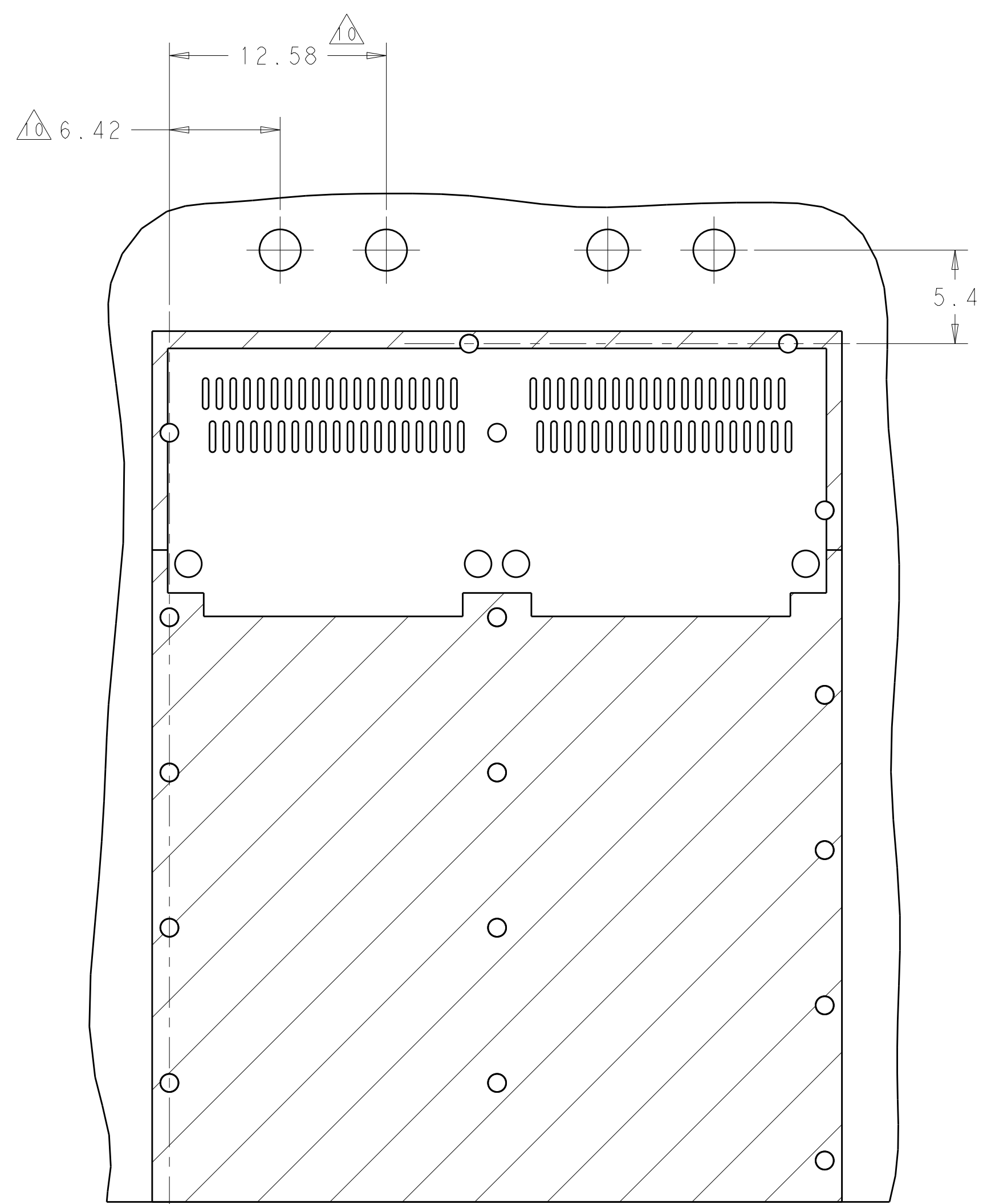
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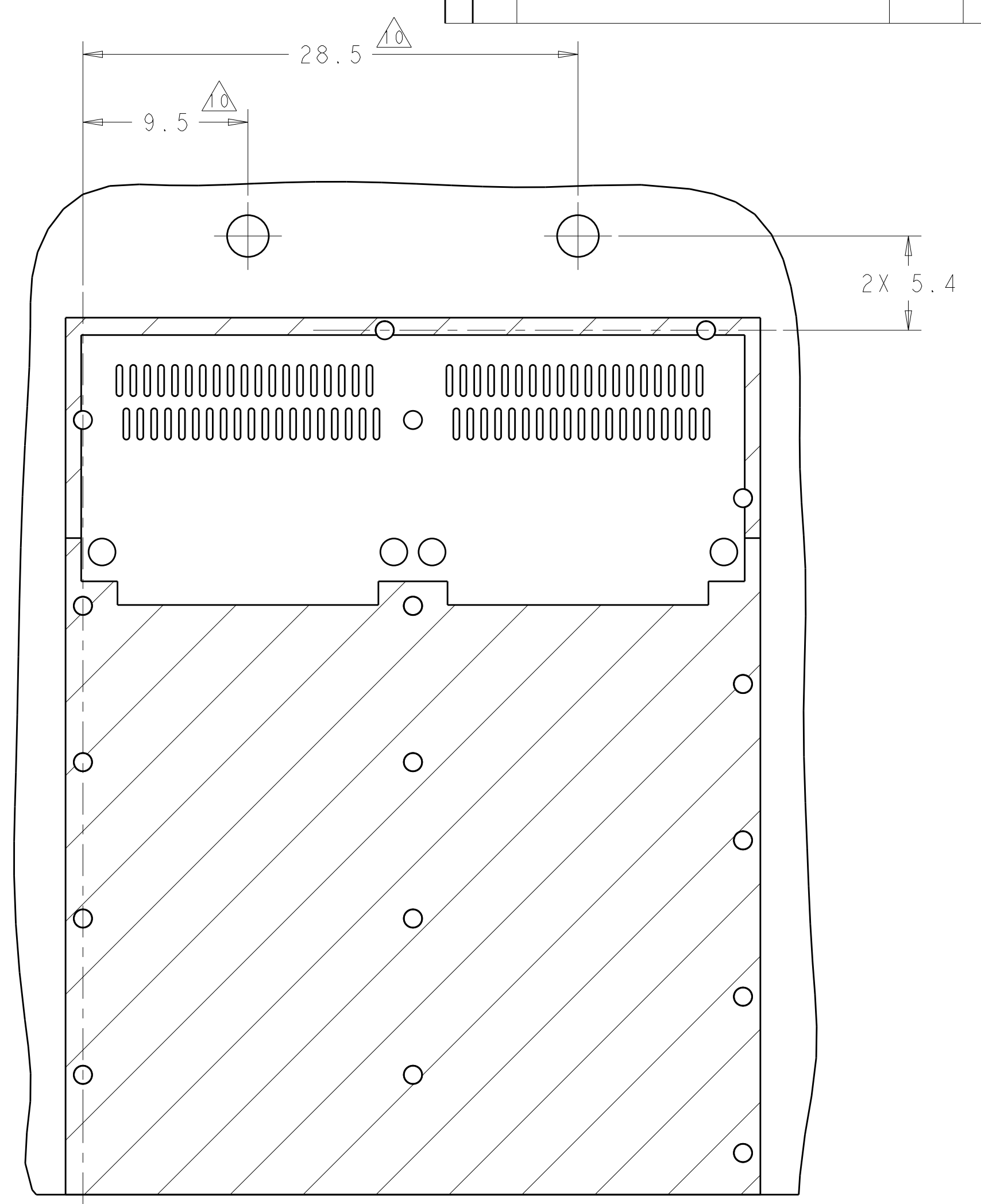
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LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD	
-	-	SEE SHEET 1	-	-	-	



RECOMMENDED PCB LAYOUT FOR DOUBLE LIGHT PIPE VERSION.
VIEW DEPICTS LOCATION OF LEDS FOR DOUBLE LIGHT PIPES ONLY.
APPLIES TO BOTH SINGLE SIDED AND BELLY TO BELLY APPLICATIONS.
SCALE 4:1



RECOMMENDED PCB LAYOUT FOR SINGLE LIGHT PIPE VERSION.
VIEW DEPICTS LOCATION OF LEDS FOR SINGLE LIGHT PIPES ONLY.
APPLIES TO BOTH SINGLE SIDED AND BELLY TO BELLY APPLICATIONS.
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. COWHER 10AUG2012	TE Connectivity	
		CHK R.R. HENRY 16AUG2012		
DIMENSIONS: mm		APVD R.R. HENRY 16AUG2012	NAME RECEPTACLE ASSEMBLY WITH HEAT SINKS, BEHIND BEZEL, 1X2, QSFP28	
		PRODUCT SPEC 108-19428	SIZE A200779	
		APPLICATION SPEC 114-32023	CAGE CODE C-2227103	
MATERIAL SEE NOTES material_2	FINISH SEE NOTES finish_spec_2	WEIGHT -	DRAWING NO Customer Drawing	
		SCALE 4:1	SHEET 1 OF 8	REV B



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42

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