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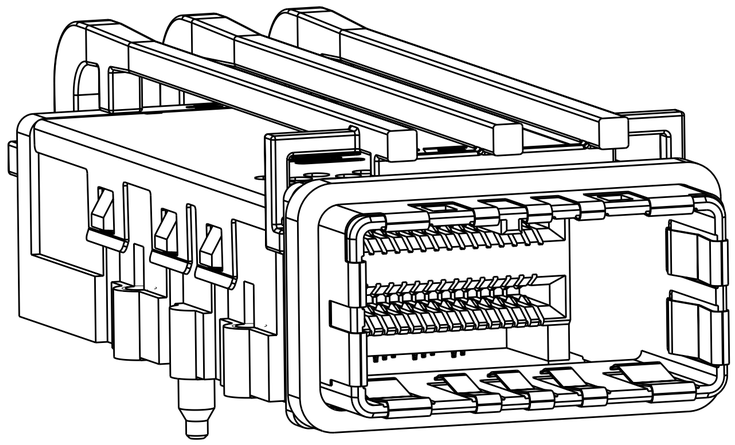
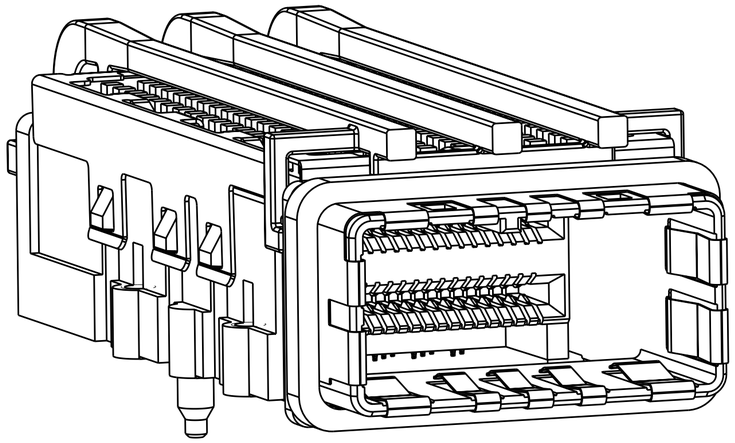
LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	6	REVISED	21OCT2011	MEC	MDM
	7	REVISED	21OCT2011	MEC	MDM



2149159-1
SCALE 4:1



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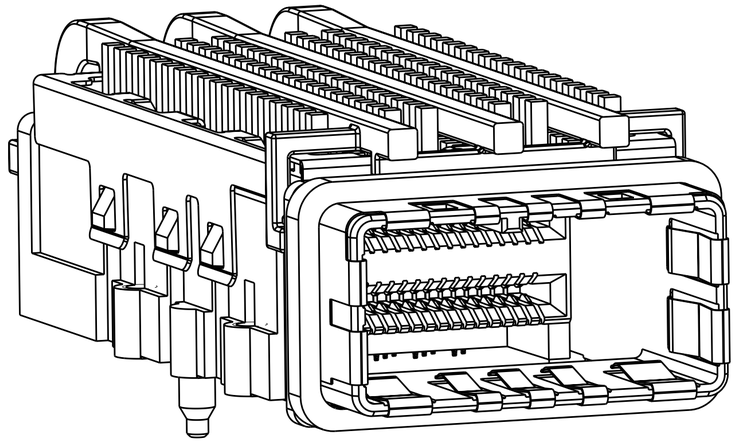

2149159-5
SCALE 4:1

	E	RECEPTACLE HOUSING SUB-ASSEMBLY	FINISH	DESCRIPTION	PART NUMBER
OBSOLETE	23.5	2149448-2	3	84 POSITION RECEPTACLE ASSEMBLY WITH LIGHTPIPE AND HEAT SINK	2149159-8
	23.5	2149448-1	2	84 POSITION RECEPTACLE ASSEMBLY WITH LIGHTPIPE AND HEAT SINK	2149159-7
OBSOLETE	16.5	2149448-2	3	84 POSITION RECEPTACLE ASSEMBLY WITH LIGHTPIPE AND HEAT SINK	2149159-6
	16.5	2149448-1	2	84 POSITION RECEPTACLE ASSEMBLY WITH LIGHTPIPE AND HEAT SINK	2149159-5
OBSOLETE	14.2	2149448-2	3	84 POSITION RECEPTACLE ASSEMBLY WITH LIGHTPIPE AND HEAT SINK	2149159-4
	14.2	2149448-1	2	84 POSITION RECEPTACLE ASSEMBLY WITH LIGHTPIPE AND HEAT SINK	2149159-3
OBSOLETE	-	2149448-2	3	884 POSITION RECEPTACLE ASSEMBLY WITH LIGHTPIPE	2149159-2
	-	2149448-1	2	84 POSITION RECEPTACLE ASSEMBLY WITH LIGHTPIPE	2149159-1

PRELIMINARY PART- NOT RELEASED FOR PRODUCTION

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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.25
1 PLC ±0.25
2 PLC ±0.25
3 PLC ±0.25
4 PLC ±0.25
ANGLES ±-

MATERIAL: SEE NOTES
FINISH: SEE TABLE

DWN M.E. COWHER 09JUN2010
CHK M.D. MORRISON 10JUN2010
APVD M.D. MORRISON 10JUN2010
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -
CUSTOMER DRAWING

TE Connectivity

NAME RECEPTACLE ASSEMBLY WITH LIGHTPIPE AND HEAT SINK, 84 POSITION, CXP

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2149159	-

SCALE 1:1 SHEET 1 OF 5 REV 7

PRELIMINARY

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
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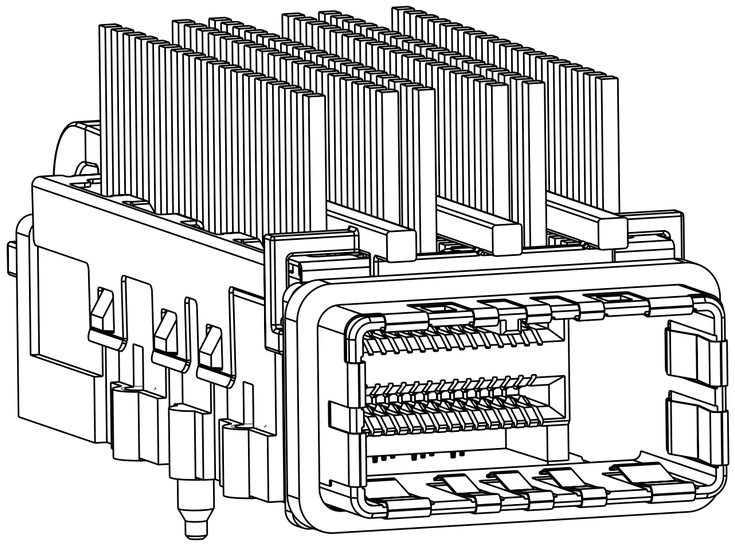

2149159-7
SCALE 4:1

1. MATERIALS:
HOUSING - NICKEL PLATED ZINC ALLOY PER ASTM B 240
EMI GASKET - SILVER PLATED URETHANE
RECEPTACLE HOUSING - LCP, BLACK, UL 94V-O RATED
CHICKLET - LCP, BLACK, UL 94V-O RATED
CONTACT - PHOSPHOR BRONZE PER ASTM B 103
EMI SPRING - COPPER ALLOY
HEAT SINK - ALUMINUM
CLIP, HEAT SINK - STAINLESS STEEL
LIGHTPIPE - POLYCARBONATE, CLEAR

△2 CONTACT FINISH:
CONFORMS TO THE REQUIREMENTS OF TYCO ELECTRONICS PRODUCT SPECIFICATION 108-2426, BASED ON EIA/ECA-364-1000.01A, (CONTROLLED ENVIRONMENT APPLICATIONS) ON MATING INTERFACE, TIN ON NEEDLE EYE

△3 NOTE DELETED

4. PCB THICKNESS = 1.57 MIN

△5 FOR HOLE SIZE AND PLATINGS, SEE APPLICATION SPEC 114-13283

△6 THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY CROSSHATCHING, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS AND SIGNAL TRACES, TOP SIDE ONLY, TOP SIDE TRACES ALLOWED WITHIN CONNECTOR HOLE PATTERN, CROSSHATCHING TO BE CONDUCTIVE

7. MOUNTING HARDWARE REQUIRED:
M2x0.4 (4)
MOUNTING SCREW LENGTH = BOARD THICKNESS PLUS 4mm MAX

8. COMPONENTS PACKAGED UNASSEMBLED

PRELIMINARY PART- NOT RELEASED FOR PRODUCTION

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3 PLC ±0.25
4 PLC ±0.25
ANGLES ±-

MATERIAL: SEE NOTES
FINISH: SEE TABLE

DWN M.E. COWHER 09JUN2010
CHK M.D. MORRISON 10JUN2010
APVD M.D. MORRISON 10JUN2010
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -
CUSTOMER DRAWING

TE Connectivity

NAME
RECEPTACLE ASSEMBLY
WITH LIGHTPIPE AND HEAT SINK,
84 POSITION, CXP

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2149159	-

SCALE 1:1 SHEET 2 OF 5 REV 7

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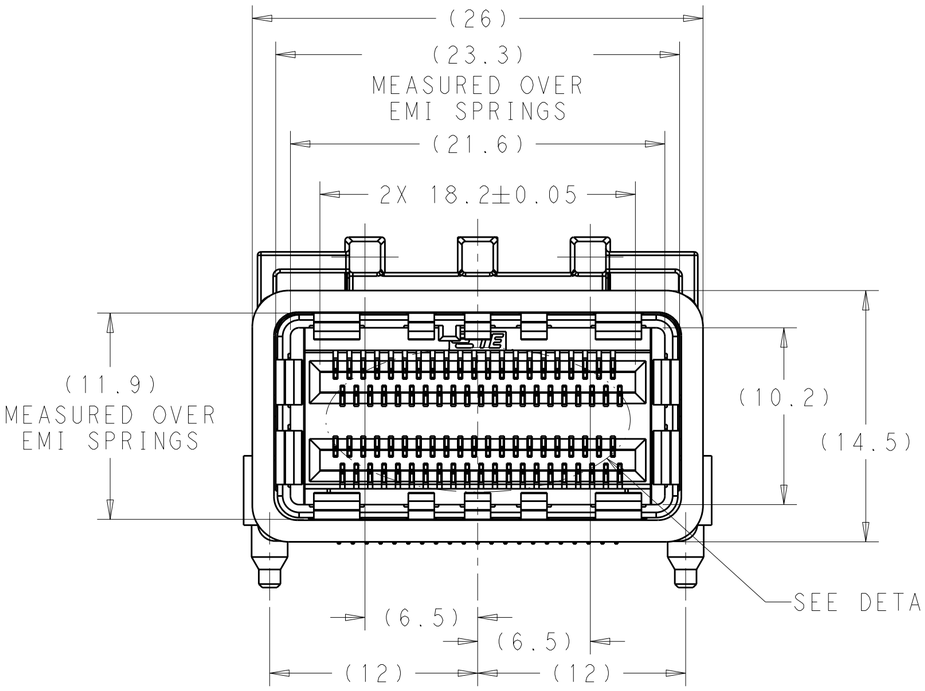
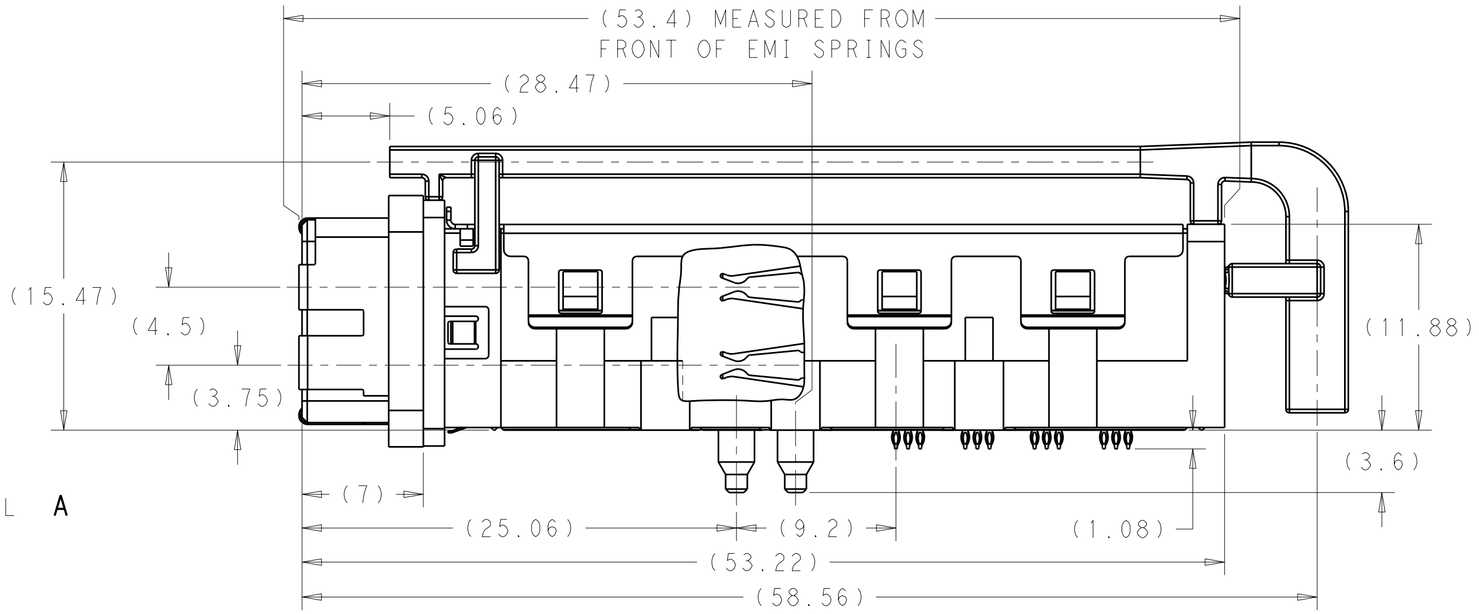
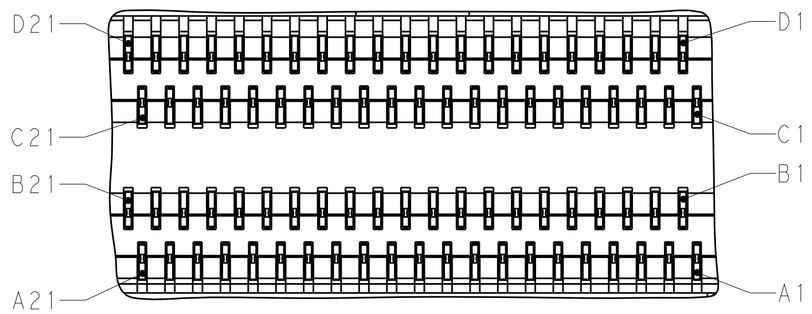




2149159-1
SCALE 4:1



DETAIL A
RECOMMENDED PIN CALLOUT
SCALE 8:1

PRELIMINARY PART- NOT RELEASED FOR PRODUCTION

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 09JUN2010 M.E. COWHER	TE Connectivity
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.25, 1 PLC ±0.25, 2 PLC ±0.25, 3 PLC ±0.25, 4 PLC ±0.25, ANGLES ±-	CHK 10JUN2010 M.D. MORRISON	NAME: RECEPTACLE ASSEMBLY WITH LIGHTPIPE AND HEAT SINK, 84 POSITION, CXP
		APVD 10JUN2010 M.D. MORRISON	
		PRODUCT SPEC -	
		APPLICATION SPEC -	SIZE A2 / CAGE CODE 00779 / DRAWING NO C-2149159 / RESTRICTED TO -
MATERIAL SEE NOTES	FINISH SEE TABLE	WEIGHT -	CUSTOMER DRAWING / SCALE 1:1 / SHEET 3 OF 5 / REV 7

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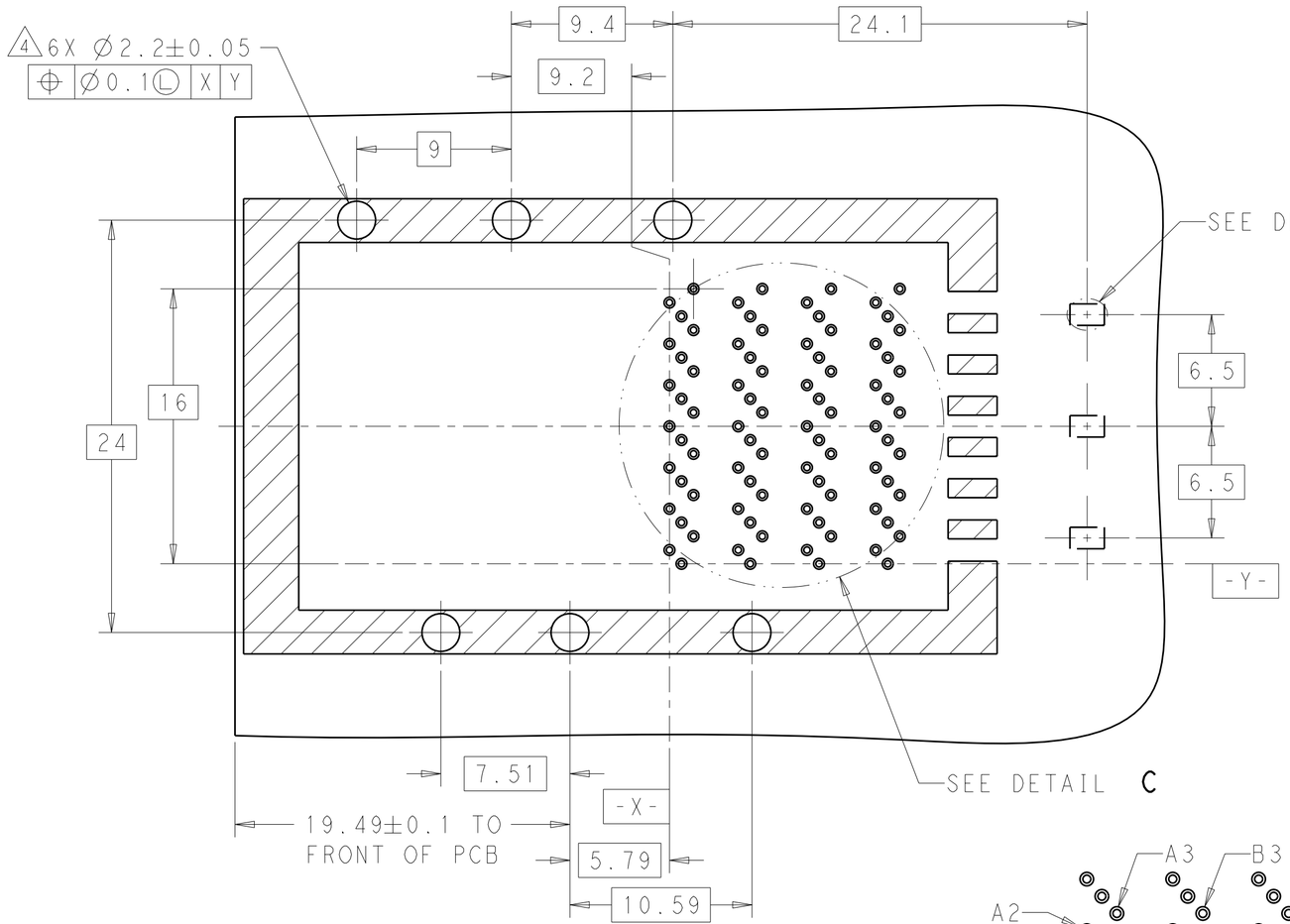
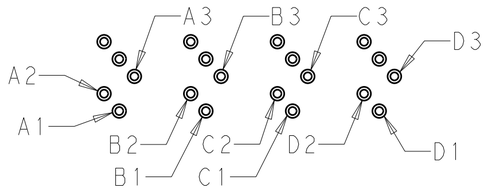
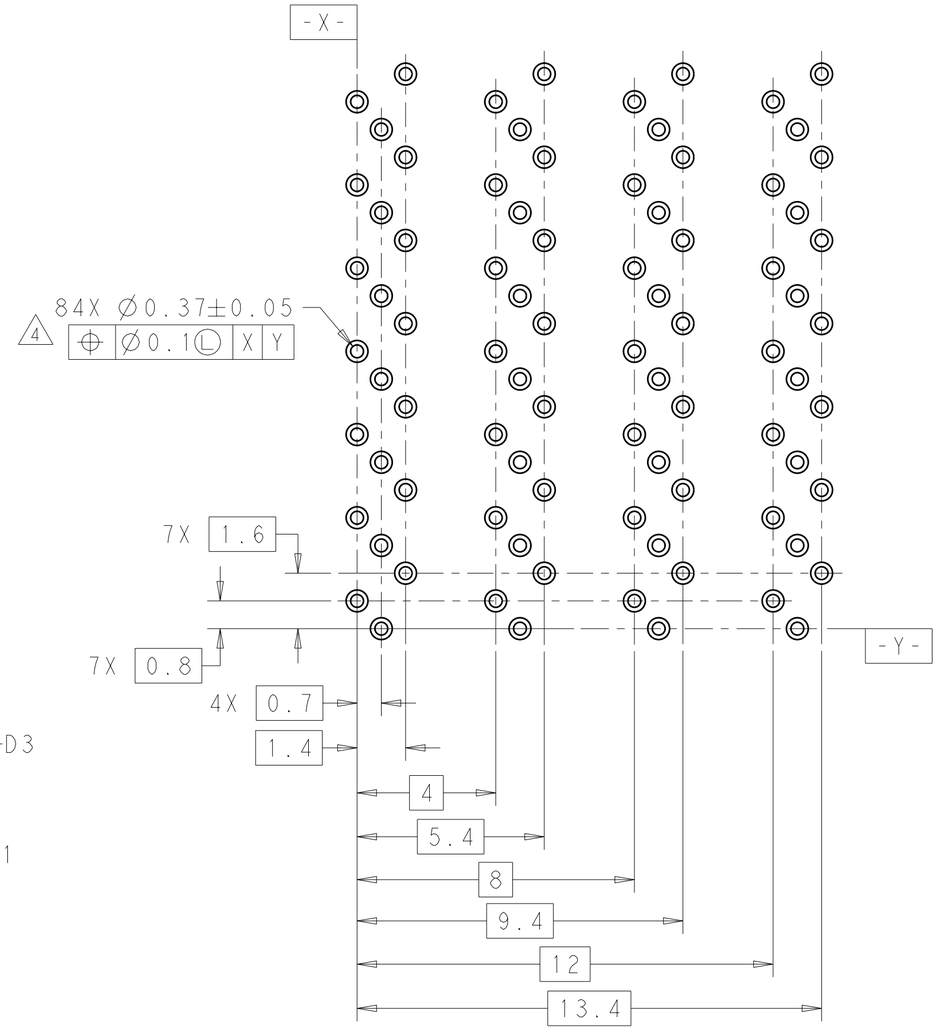
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



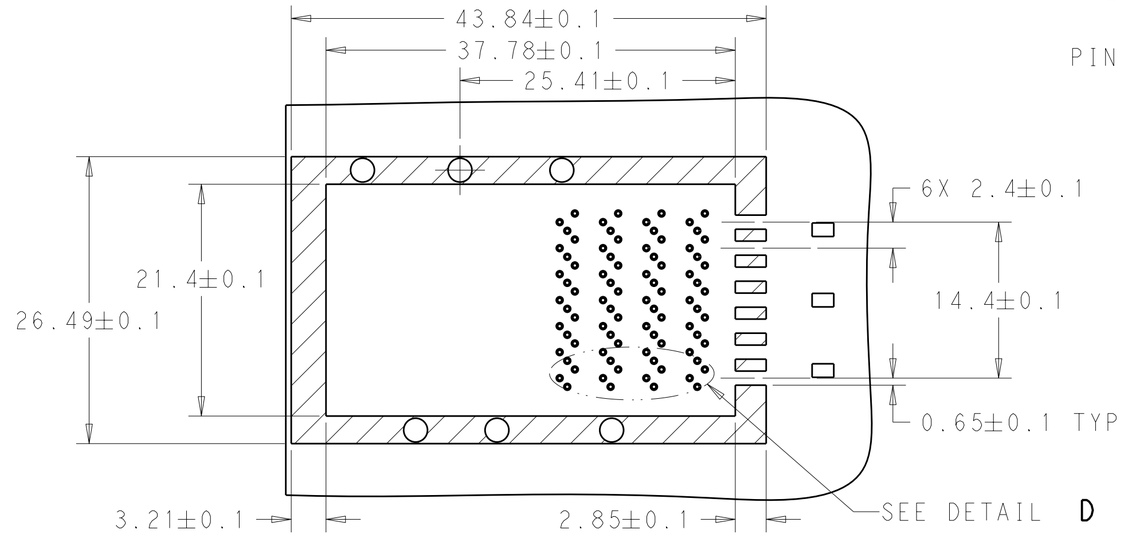
RECOMMENDED PCB LAYOUT
COMPONENT SIDE SHOWN
SCALE 4:1



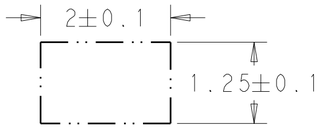
DETAIL D
PIN CALLOUT (TYPICAL)
SCALE 5:1



DETAIL C
RECOMMENDED CONNECTOR LAYOUT
SCALE 8:1



5 RECOMMENDED KEEPOUT AREA
SCALE 5:2



DETAIL F
3X INDIVIDUALLY
SCALE 15:1

PRELIMINARY PART- NOT RELEASED FOR PRODUCTION

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DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.25, 1 PLC ±0.25, 2 PLC ±0.25, 3 PLC ±0.25, 4 PLC ±0.25, ANGLES ±-	PRODUCT SPEC -	NAME RECEPTACLE ASSEMBLY WITH LIGHTPIPE AND HEAT SINK, 84 POSITION, CXP
		APPLICATION SPEC -	SIZE A2 / CAGE CODE 00779 / DRAWING NO C-2149159 / RESTRICTED TO -
MATERIAL SEE NOTES	FINISH SEE TABLE	WEIGHT -	CUSTOMER DRAWING / SCALE 1:1 / SHEET 4 OF 5 / REV 7

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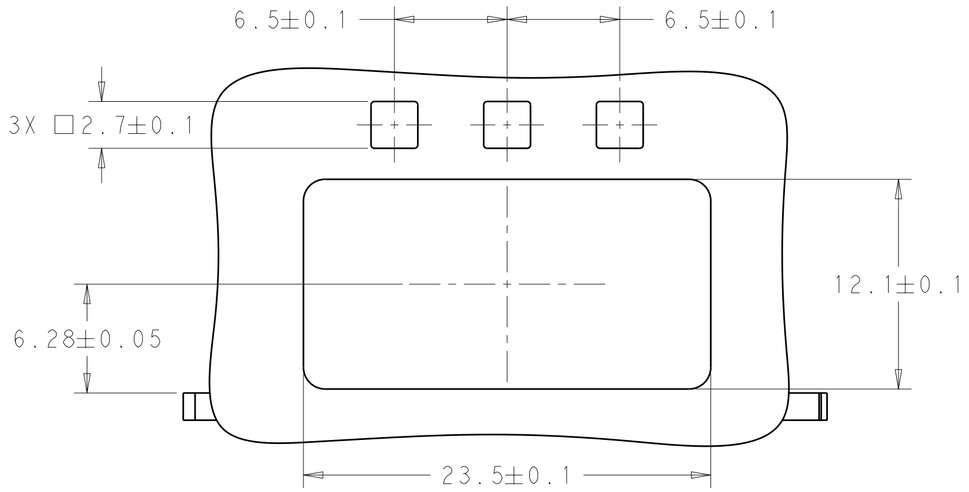
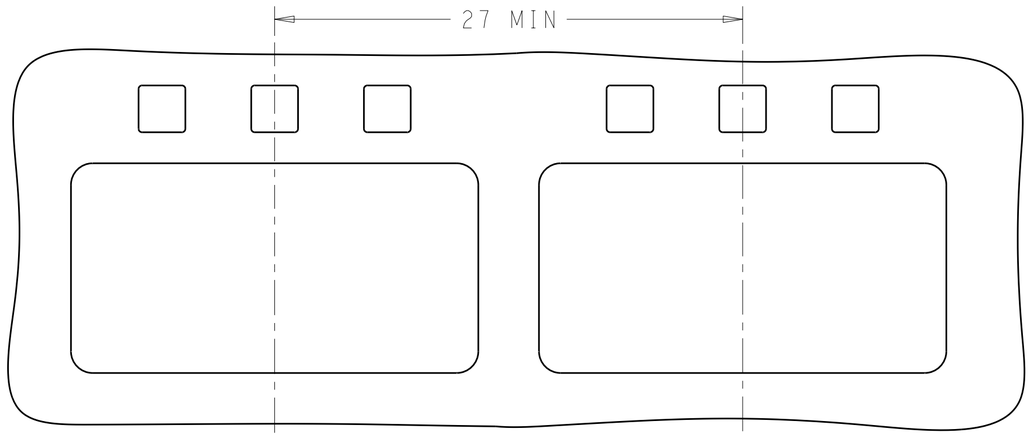
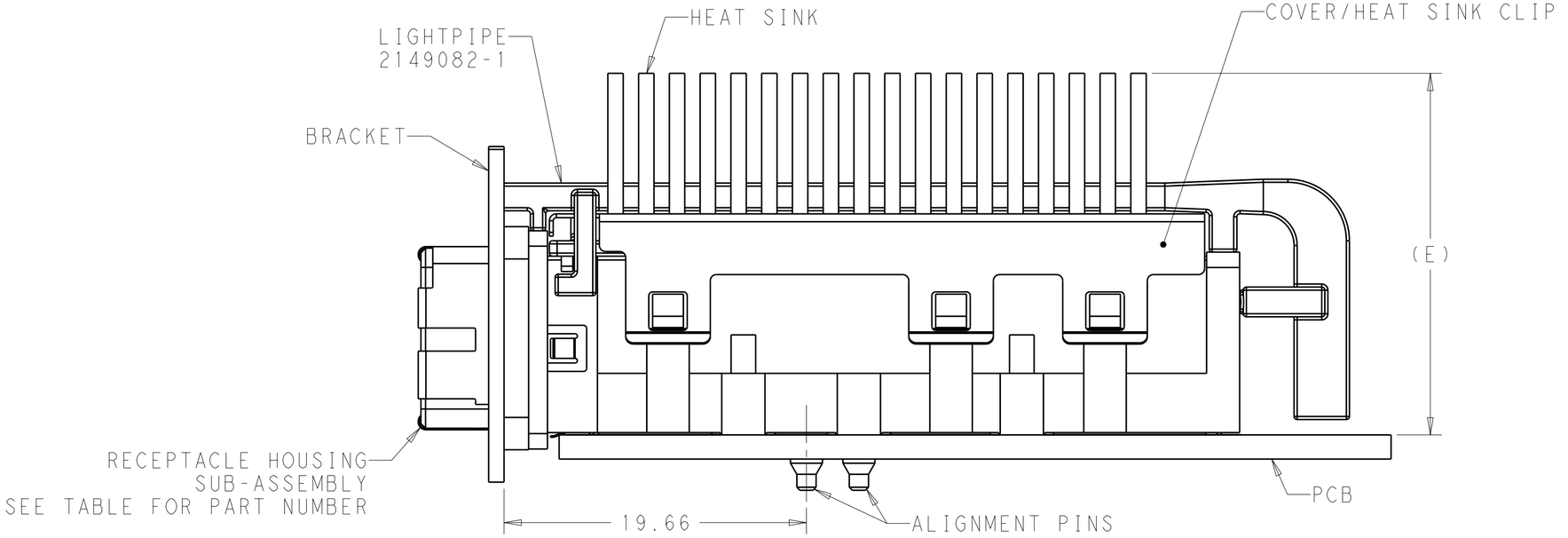


RECOMMENDED BRACKET CUT-OUT
SCALE 4:1



RECOMMENDED BRACKET CUT-OUT SPACING
SCALE 4:1



RECOMMENDED BRACKET LOCATION AND
HEIGHT OF HEAT SINK MEASURED FROM PCB
SCALE 4:1

PRELIMINARY PART- NOT RELEASED FOR PRODUCTION

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3 PLC	±0.25
4 PLC	±0.25
ANGLES	±-

MATERIAL: SEE NOTES

FINISH: SEE TABLE

DWN 09JUN2010 M.E. COWHER
CHK 10JUN2010 M.D. MORRISON
APVD 10JUN2010 M.D. MORRISON

PRODUCT SPEC: -

APPLICATION SPEC: -

WEIGHT: -

TE Connectivity

NAME: RECEPTACLE ASSEMBLY WITH LIGHTPIPE AND HEAT SINK, 84 POSITION, CXP

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2149159	-

CUSTOMER DRAWING | SCALE 1:1 | SHEET 5 OF 5 | REV 7

LifeElectronics
Живое партнерство

ООО «ЛайфЭлектроникс» **“LifeElectronics” LLC**

ИНН 7805602321 КПП 780501001 Р/С 40702810122510004610 ФАКБ "АБСОЛЮТ БАНК" (ЗАО) в г.Санкт-Петербурге К/С 30101810900000000703 БИК 044030703

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С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

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Тел: +7 (812) 336 43 04 (многоканальный)
Email: org@lifeelectronics.ru

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