

4

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1

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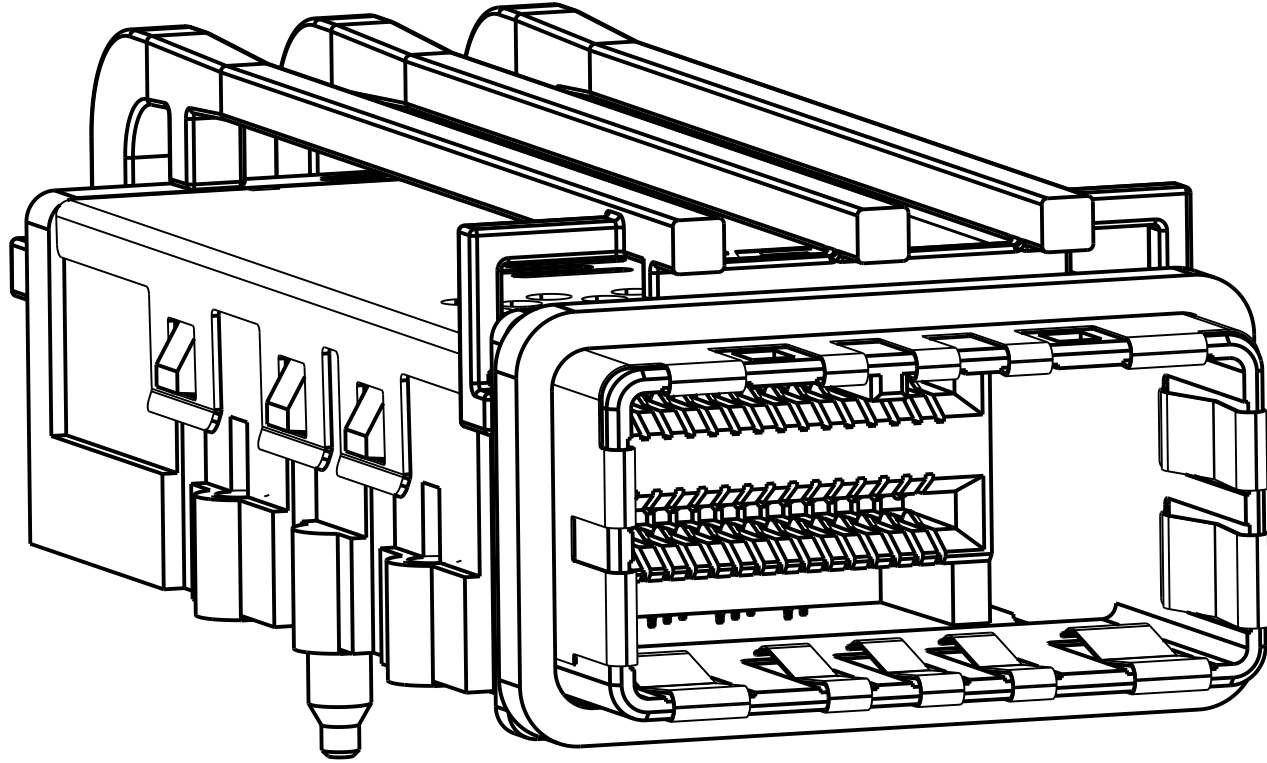
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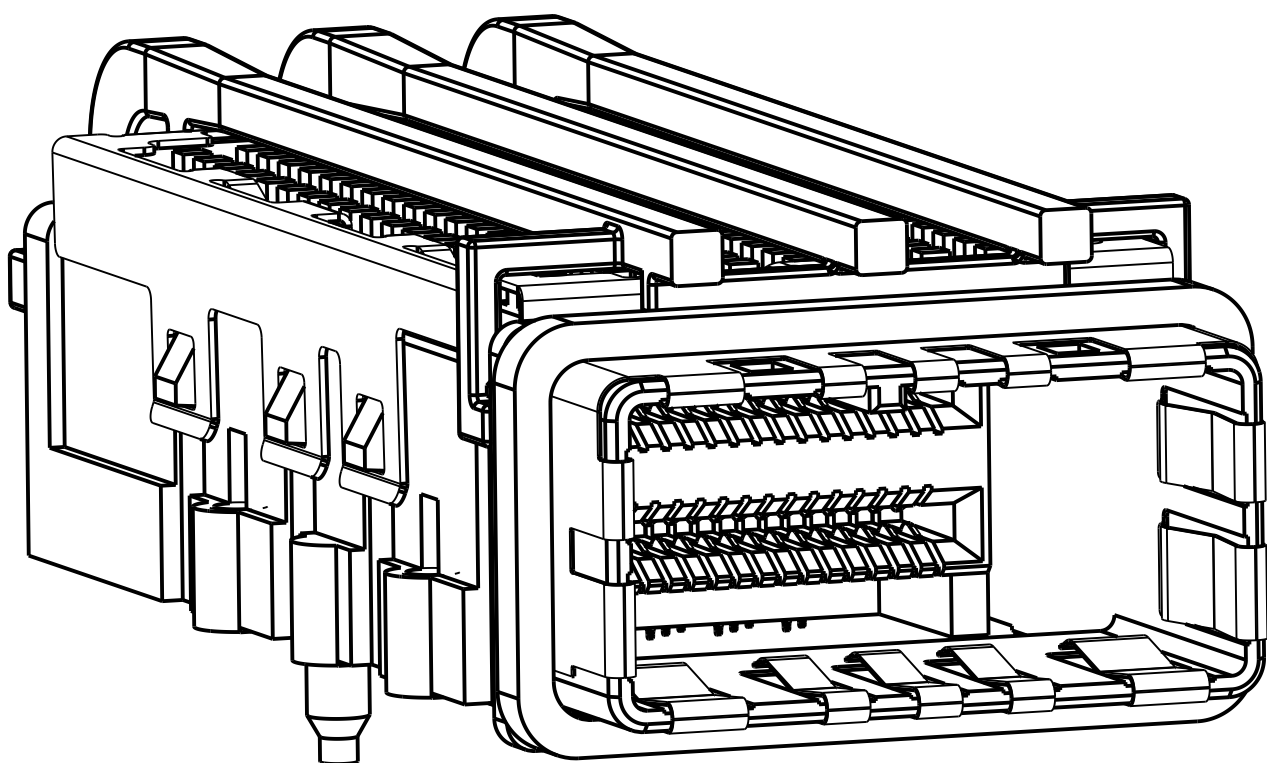
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REVISIONS

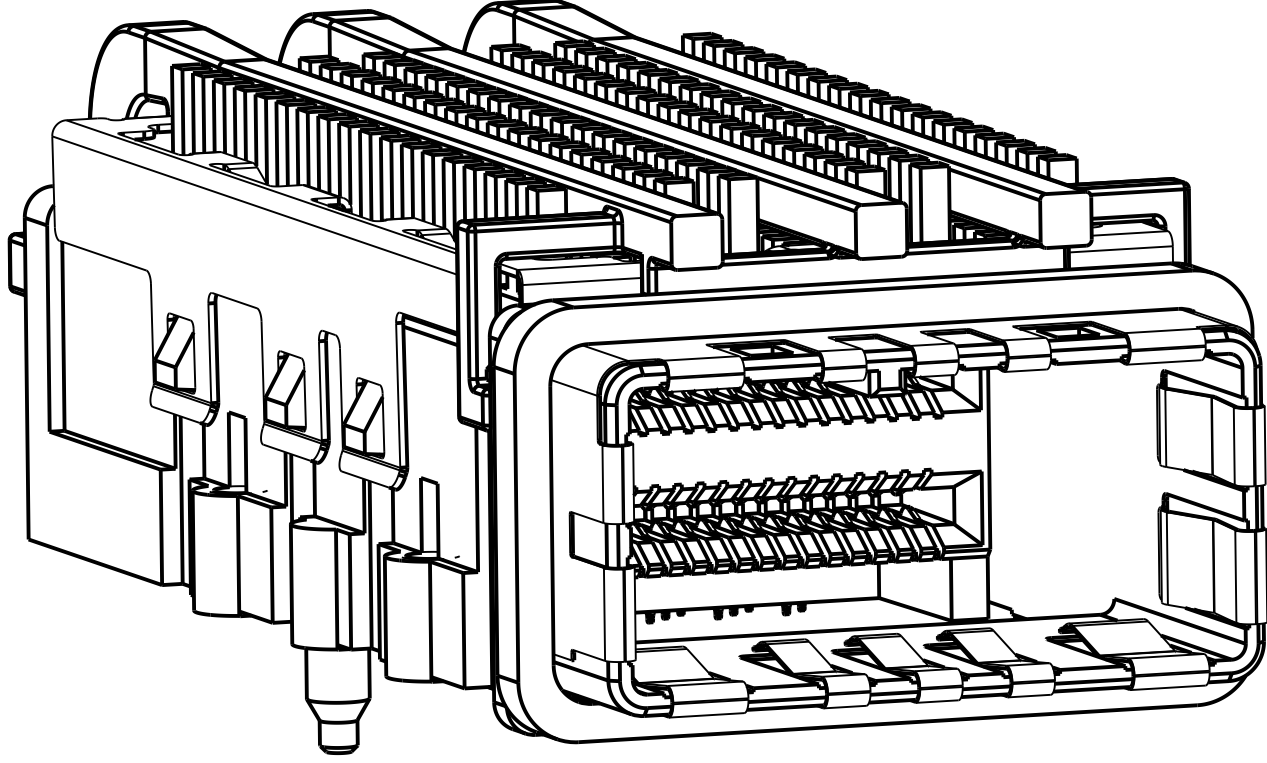
| P | LTR | DESCRIPTION            | DATE      | DWN | APVD |
|---|-----|------------------------|-----------|-----|------|
|   | A   | RELEASED ECO-14-003843 | 31MAR2014 | LAW | SB   |
|   |     |                        |           |     |      |
|   |     |                        |           |     |      |



2149159-1  
SCALE 4:1



2149159-3  
SCALE 4:1



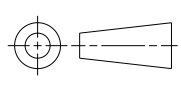
2149159-5  
SCALE 4:1

|          |      |                                 |        |                                                              |             |
|----------|------|---------------------------------|--------|--------------------------------------------------------------|-------------|
| 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   |
| E        |      | RECEPTACLE HOUSING SUB-ASSEMBLY | FINISH | DESCRIPTION                                                  | PART NUMBER |

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

DIMENSIONS:

mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

|        |       |
|--------|-------|
| 0 PLC  | ±0.15 |
| 1 PLC  | ±0.15 |
| 2 PLC  | ±0.15 |
| 3 PLC  | ±     |
| 4 PLC  | ±     |
| ANGLES | ±     |
| FINISH |       |

MATERIAL

DWN 09 JUN 2010  
M.E. COWHER

CHK 10 JUN 2010  
M.D. MORRISON

APVD 10 JUN 2010  
M.D. MORRISON

PRODUCT SPEC  
108-2426

APPLICATION SPEC  
114-13283

WEIGHT  
-

Customer Drawing

 TE Connectivity

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

SIZE  
A2

CAGE CODE  
00779

DRAWING NO  
C-2149159

RESTRICTED TO  
-

SCALE 1:1

SHEET 1 OF 5

REV A

1471-9 (3/13)

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

D

D

C

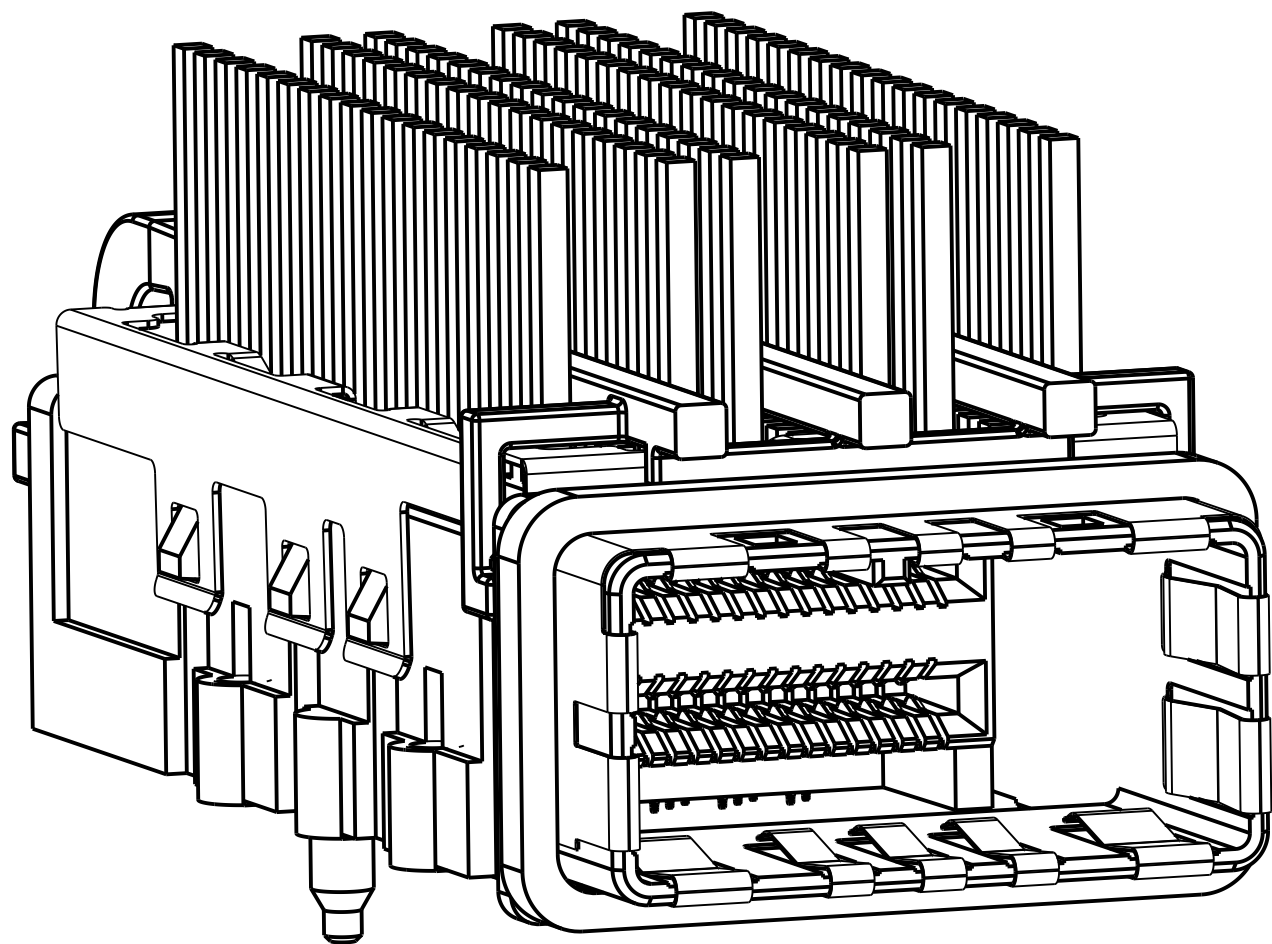
C

B

B

A

A



2149159-7  
SCALE 4:1

- 1 MATERIALS:  
HOUSING - ZINC ALLOY  
EMI GASKET - CONDUCTIVE URETHANE FOAM  
RECEPTACLE HOUSING - LCP, BLACK, UL 94V-O RATED  
CHICKLET - LCP, BLACK, UL 94V-O RATED  
CONTACT - PHOSPHOR BRONZE  
EMI SPRING - COPPER ALLOY  
HEAT SINK - ALUMINUM  
CLIP, HEAT SINK - STAINLESS STEEL  
LIGHTPIPE - POLYCARBONATE, CLEAR

- 2 FINISH:  
CONTACT - CONFORMS TO THE REQUIREMENTS OF TE  
PRODUCT SPECIFICATION 108-2426, BASED ON EIA/ECA-364-1000.01A,  
(CONTROLLED ENVIRONMENT APPLICATIONS) ON MATING INTERFACE,  
MATTE TIN PLATE OVER NICKEL UNDERPLATE ON COMPLIANT PIN  
HOUSING & HEAT SINK - NICKEL PLATE

- 3 NOTE DELETED  
4 PCB THICKNESS = 1.57 MIN  
5 FOR HOLE SIZE AND FINISHES, 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

|                                                                                                |  |                                      |                                                                                  |         |                       |
|------------------------------------------------------------------------------------------------|--|--------------------------------------|----------------------------------------------------------------------------------|---------|-----------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.<br>DIMENSIONING AND TOLERANCING<br>PER ASME Y14.5M-2009 |  | DWN<br>09 JUN 2010<br>M.E. COWHER    | TE Connectivity                                                                  |         |                       |
| DIMENSIONS:<br>mm                                                                              |  | CHK<br>10 JUN 2010<br>M.D. MORRISON  |                                                                                  |         |                       |
|                                                                                                |  | APVD<br>10 JUN 2010<br>M.D. MORRISON | NAME<br>RECEPTACLE ASSEMBLY<br>WITH LIGHTPIPE AND HEAT SINK,<br>84 POSITION, CXP |         |                       |
|                                                                                                |  | PRODUCT SPEC<br>108-2426             | SIZE<br>A2                                                                       |         |                       |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                                      |  | APPLICATION SPEC<br>114-13283        | CAGE CODE<br>00779                                                               |         | DRAWING NO<br>2149159 |
| MATERIAL                                                                                       |  | WEIGHT<br>-                          | RESTRICTED TO<br>-                                                               |         |                       |
| 1                                                                                              |  | 2                                    | Customer Drawing                                                                 |         |                       |
|                                                                                                |  | SCALE<br>1:1                         | SHEET<br>2                                                                       | OF<br>5 | REV<br>A              |

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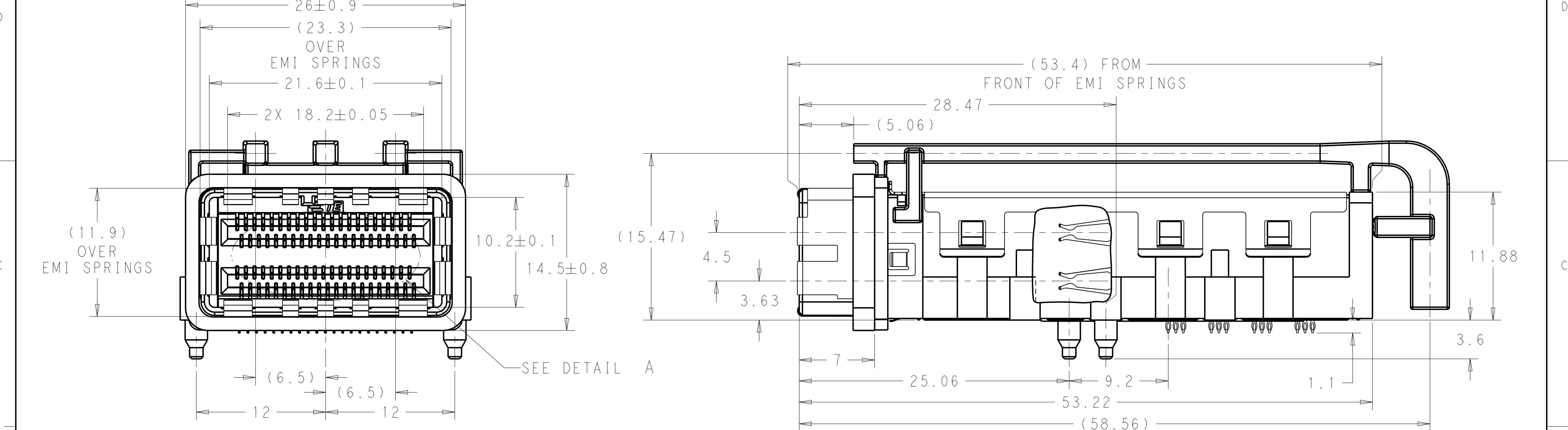
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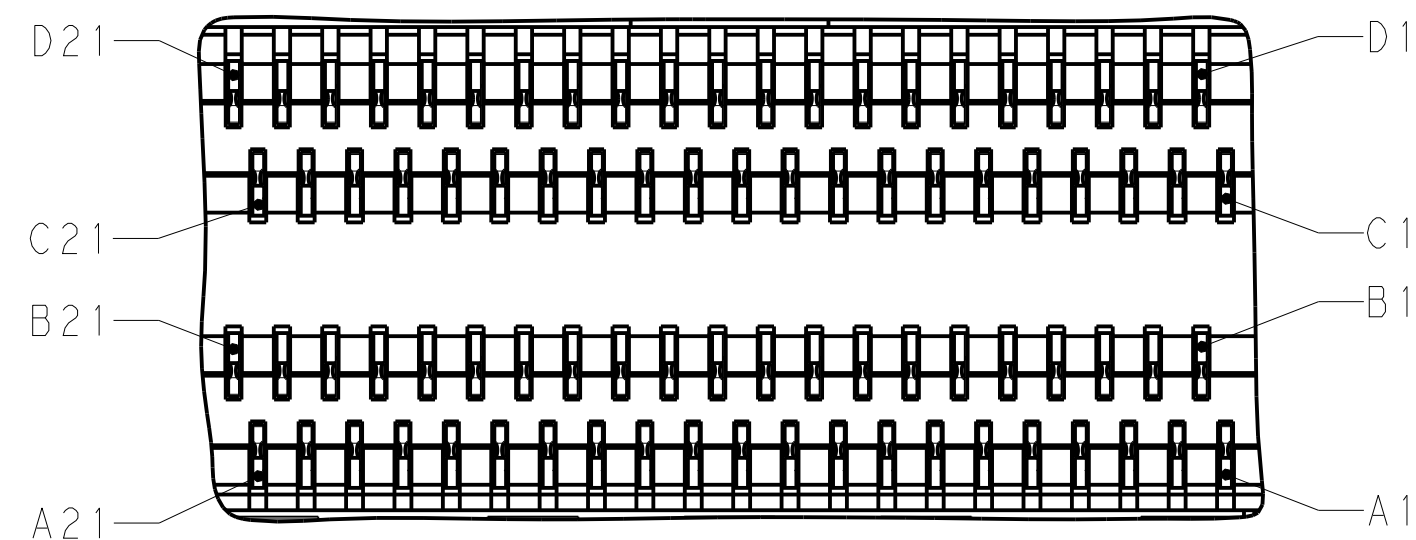
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| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|           | -   | SEE SHEET 1 | -    | -   | -    |
|           |     |            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



2149159-1  
SCALE 4:1



DETAIL A  
RECOMMENDED PIN CALLOUT  
SCALE 8:1

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

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0.15  
1 PLC ±0.15  
2 PLC ±0.15  
3 PLC ±  
4 PLC ±  
ANGLES ±  
FINISH

DWN

09 JUN 2010

M.E. COWHER

CHK

10 JUN 2010

M.D. MORRISON

APVD

10 JUN 2010

M.D. MORRISON

PRODUCT SPEC

108-2426

APPLICATION SPEC

114-13283

WEIGHT

-

Customer Drawing

TE Connectivity

NAME

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

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A200779

C-2149159

-

SCALE

1:1

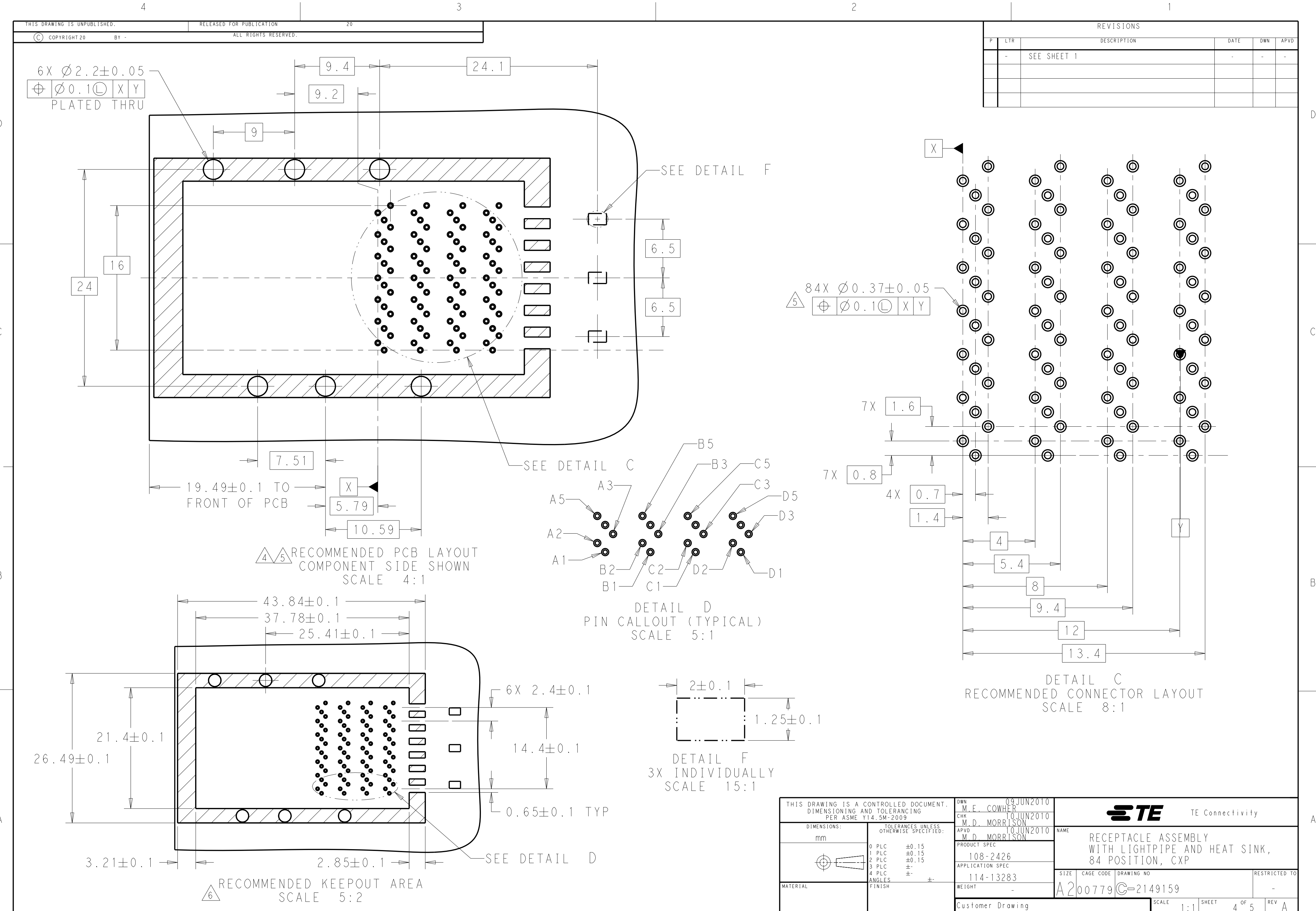
SHEET

3 OF 5

REV

A



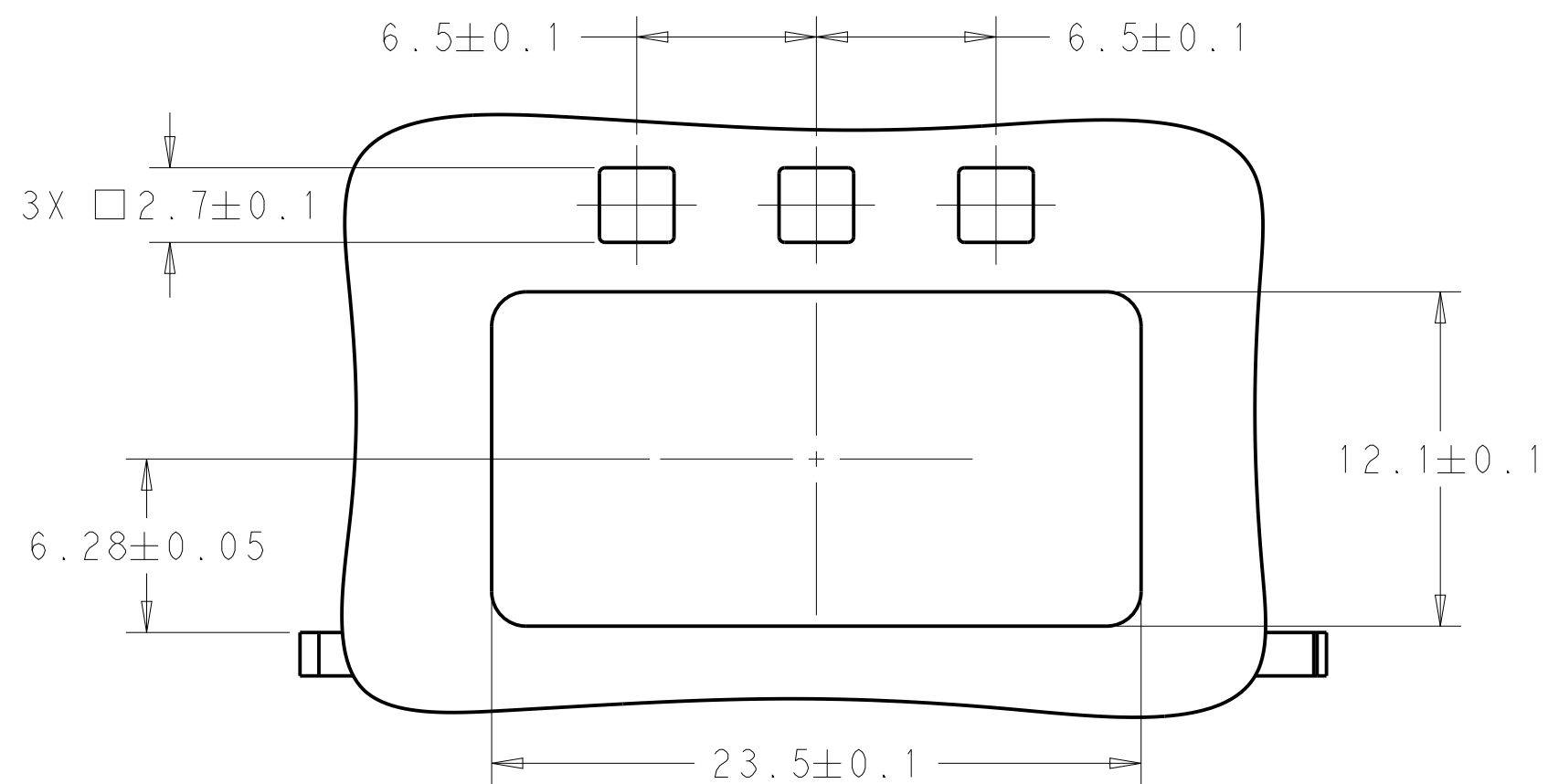


| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| -         | -   | SEE SHEET 1 | -    | -   | -    |
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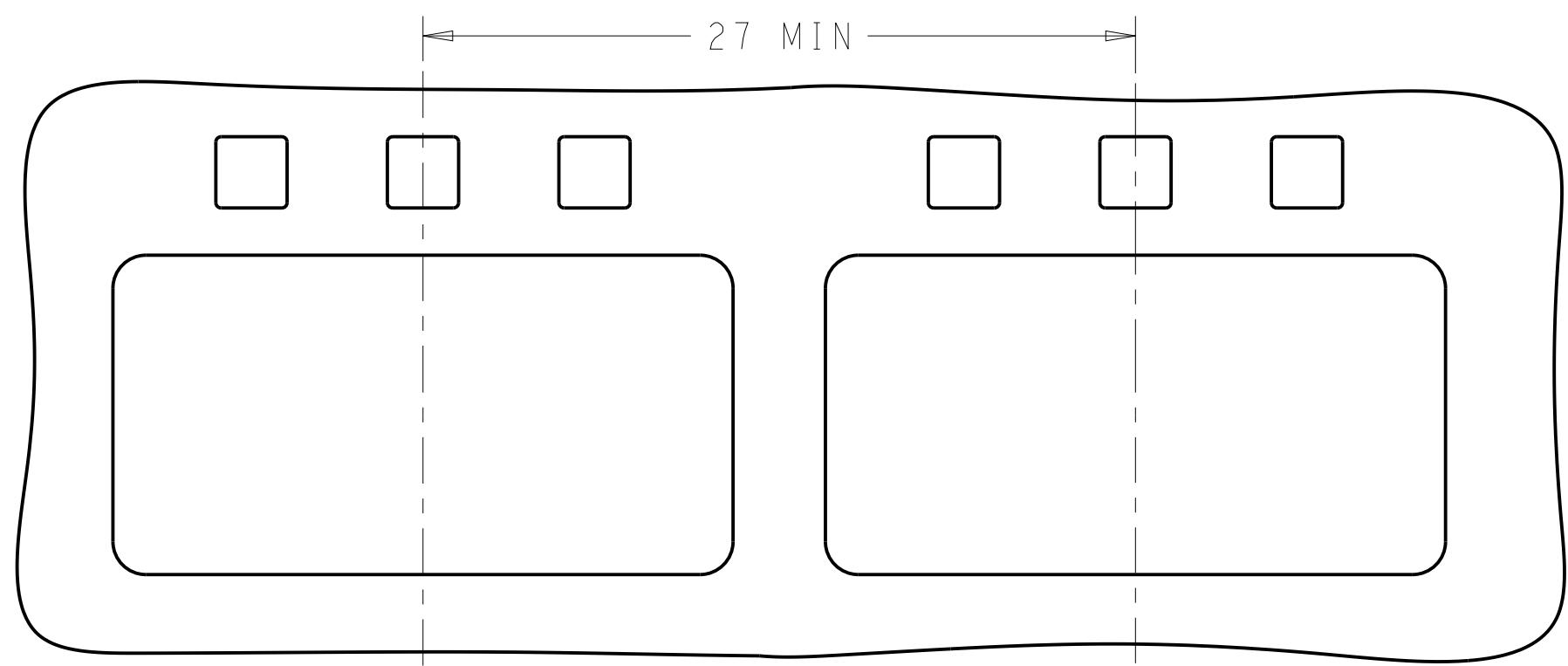
|                                                                                                |                                                                                                         |                                                                     |                                           |                                                                                  |                        |
|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------|------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.<br>DIMENSIONING AND TOLERANCING<br>PER ASME Y14.5M-2009 |                                                                                                         | DWN<br>M.E. COWHER<br>CHK<br>M.D. MORRISON<br>APVD<br>M.D. MORRISON | 09 JUN 2010<br>10 JUN 2010<br>10 JUN 2010 | <b>TE</b> TE Connectivity                                                        |                        |
| DIMENSIONS:<br>mm                                                                              | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                                               | PRODUCT SPEC                                                        | 108-2426                                  | NAME<br>RECEPTACLE ASSEMBLY<br>WITH LIGHTPIPE AND HEAT SINK,<br>84 POSITION, CXP |                        |
| MATERIAL                                                                                       | 0 PLC $\pm 0.15$<br>1 PLC $\pm 0.15$<br>2 PLC $\pm 0.15$<br>3 PLC $\pm$<br>4 PLC ANGLES $\pm$<br>FINISH | APPLICATION SPEC                                                    | 114-13283                                 | SIZE<br>A200779                                                                  | CAGE CODE<br>C-2149159 |
| Customer Drawing                                                                               |                                                                                                         | WEIGHT                                                              | -                                         | RESTRICTED TO                                                                    | -                      |
| SCALE 1:1                                                                                      |                                                                                                         | SHEET 4 OF 5                                                        | REV A                                     |                                                                                  |                        |

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

D



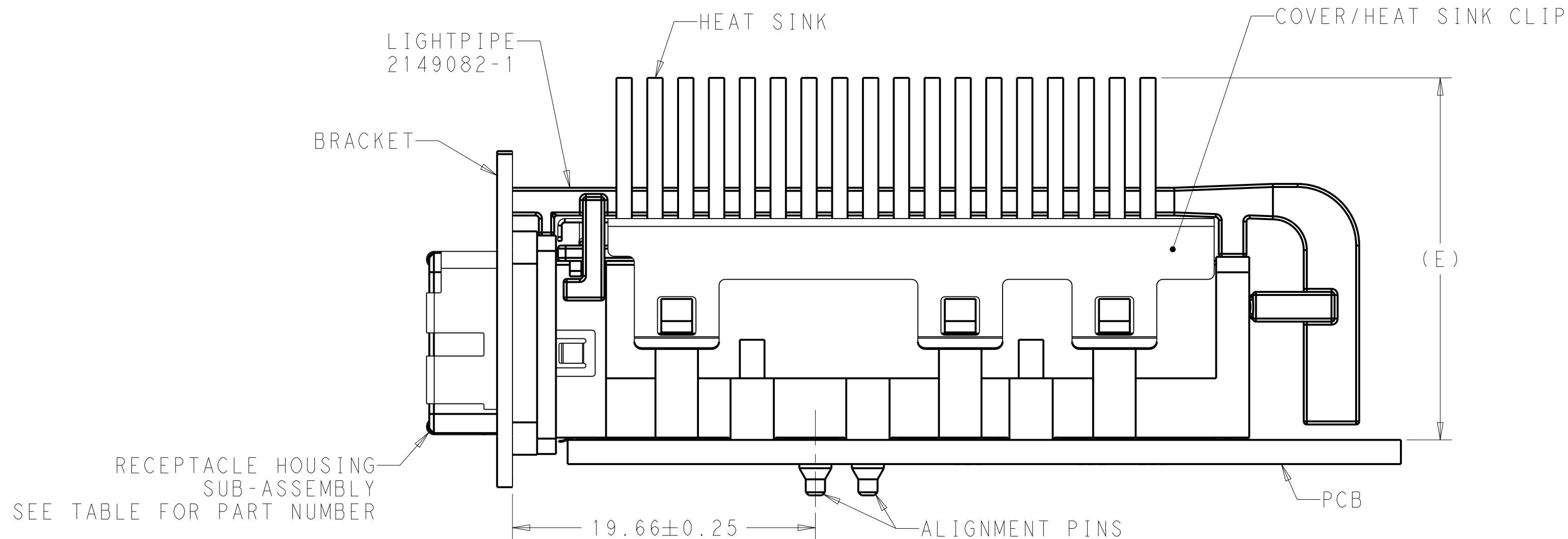
RECOMMENDED BRACKET CUT-OUT  
SCALE 4:1



RECOMMENDED BRACKET CUT-OUT SPACING  
SCALE 4:1

C

B



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

A

|                                                                                                |  |                                                                     |                                           |                  |  |                                                                          |  |
|------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------|-------------------------------------------|------------------|--|--------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.<br>DIMENSIONING AND TOLERANCING<br>PER ASME Y14.5M-2009 |  | DWN<br>M.E. COWHER<br>CHK<br>M.D. MORRISON<br>APVD<br>M.D. MORRISON | 09 JUN 2010<br>10 JUN 2010<br>10 JUN 2010 |                  |  | <b>TE</b> TE Connectivity                                                |  |
| DIMENSIONS:<br>mm                                                                              |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                           |                                           | NAME             |  | RECEPTACLE ASSEMBLY<br>WITH LIGHTPIPE AND HEAT SINK,<br>84 POSITION, CXP |  |
| 1 PLC ±0.15<br>2 PLC ±0.15<br>3 PLC ±<br>4 PLC ±                                               |  | ±                                                                   |                                           | PRODUCT SPEC     |  | SIZE CAGE CODE DRAWING NO                                                |  |
| MATERIAL                                                                                       |  | FINISH                                                              |                                           | APPLICATION SPEC |  | RESTRICTED TO                                                            |  |
|                                                                                                |  |                                                                     |                                           | 114-13283        |  | A200779C-2149159                                                         |  |
|                                                                                                |  |                                                                     |                                           | WEIGHT -         |  | SCALE 1:1 SHEET 5 OF 5 REV A                                             |  |
|                                                                                                |  |                                                                     |                                           | Customer Drawing |  |                                                                          |  |



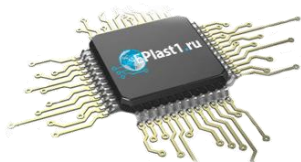
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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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**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.