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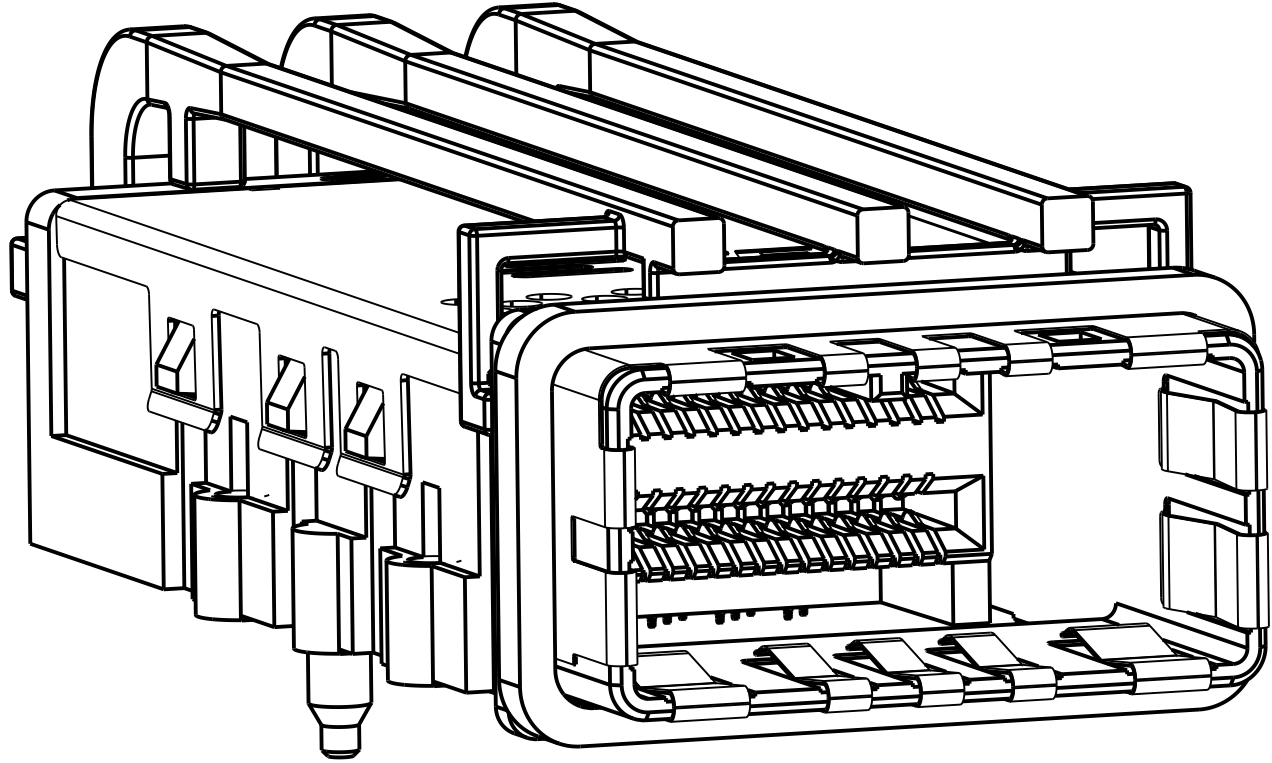
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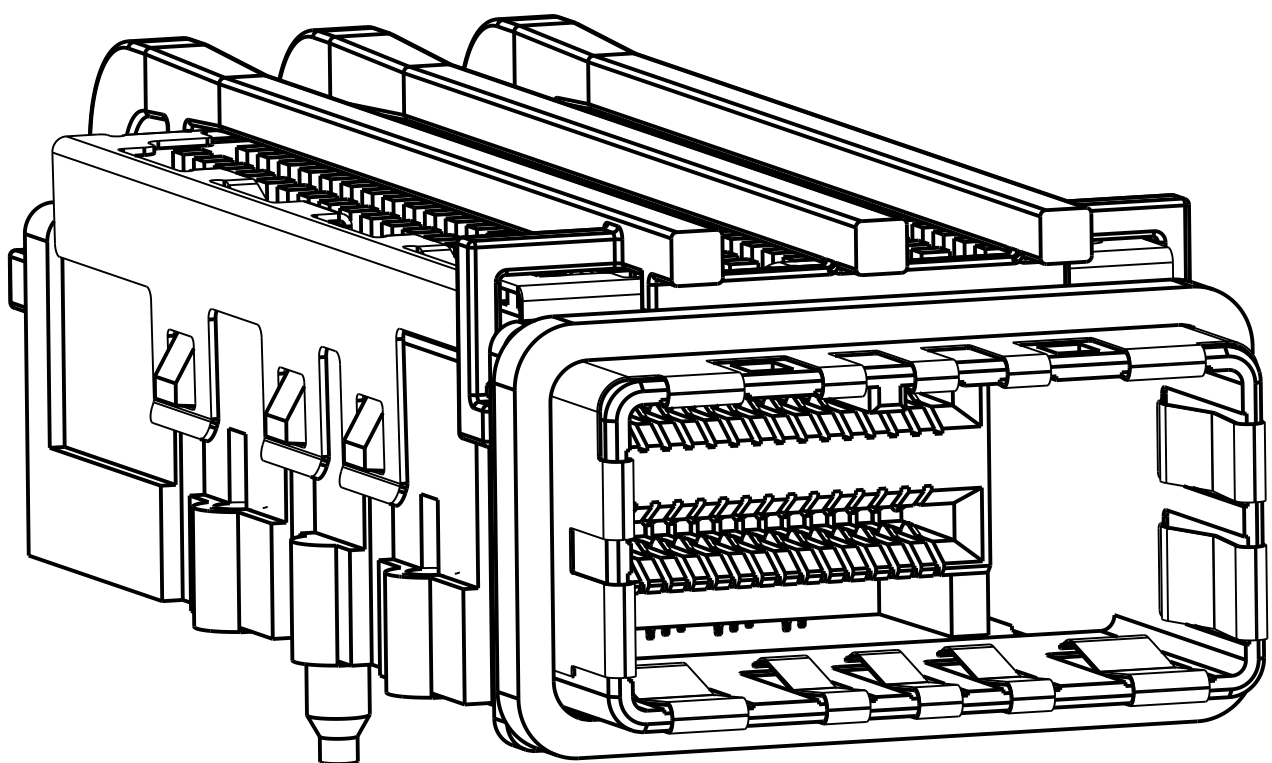
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REVISIONS

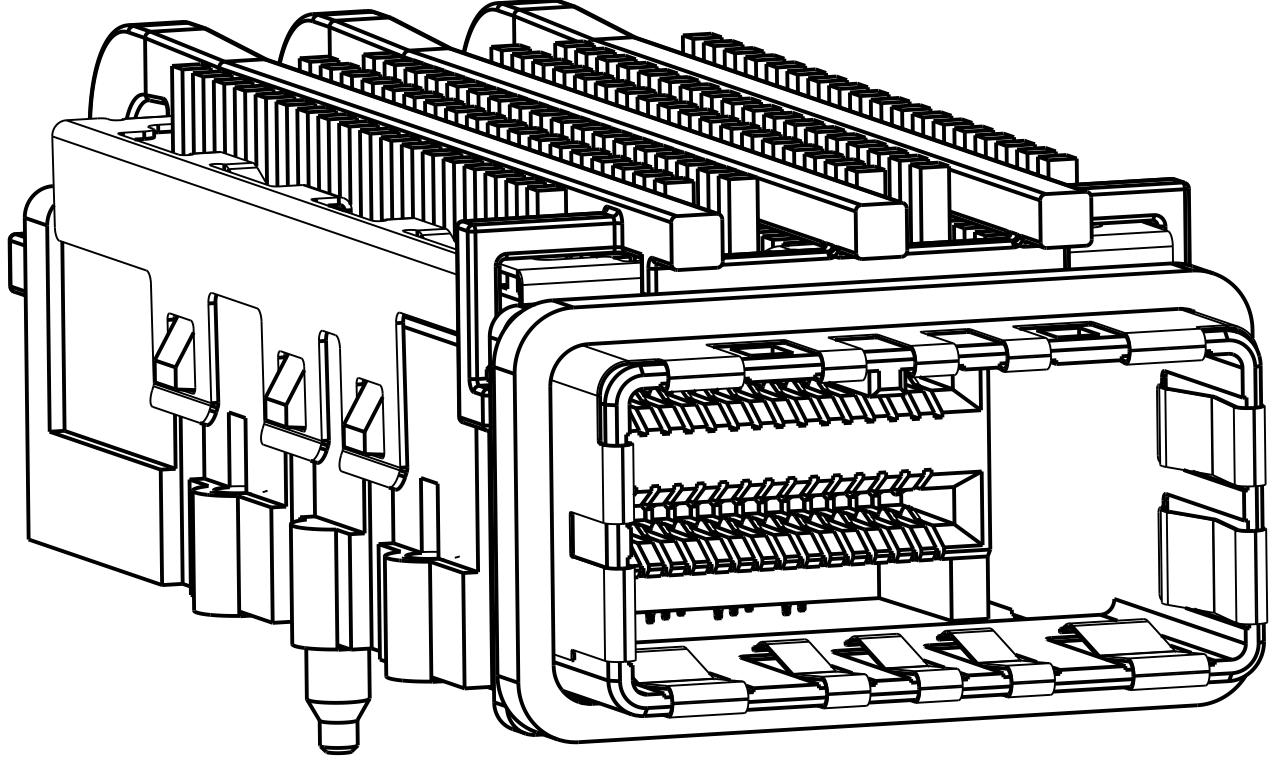
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	A	RELEASED ECO-14-003843	31MAR2014	LAW	SB



2149159-1
SCALE 4:1



2149159-3
SCALE 4:1



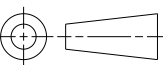
2149159-5
SCALE 4:1

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



MATERIAL

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
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	-	-	-

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C

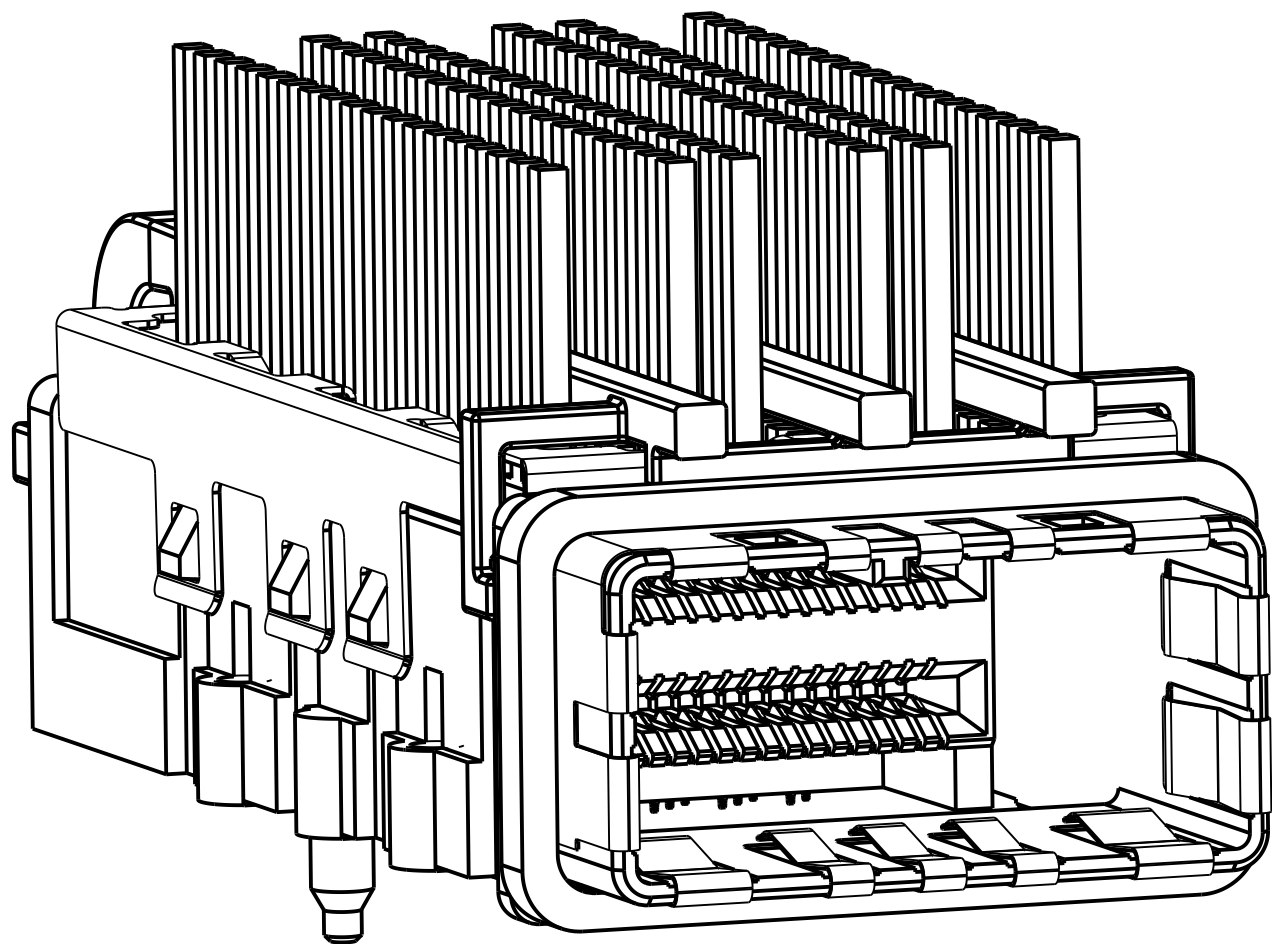
C

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

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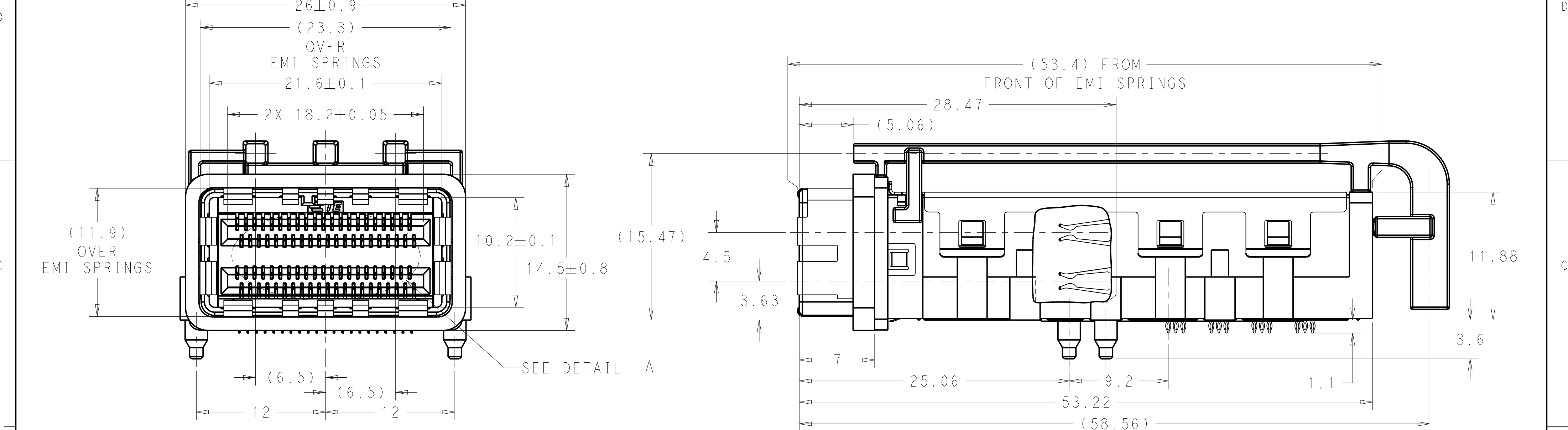
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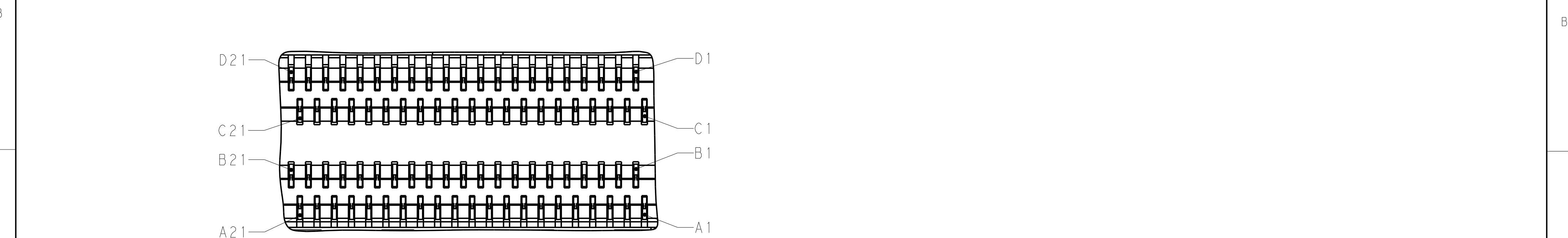
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	-	SEE SHEET 1	-	-	-



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

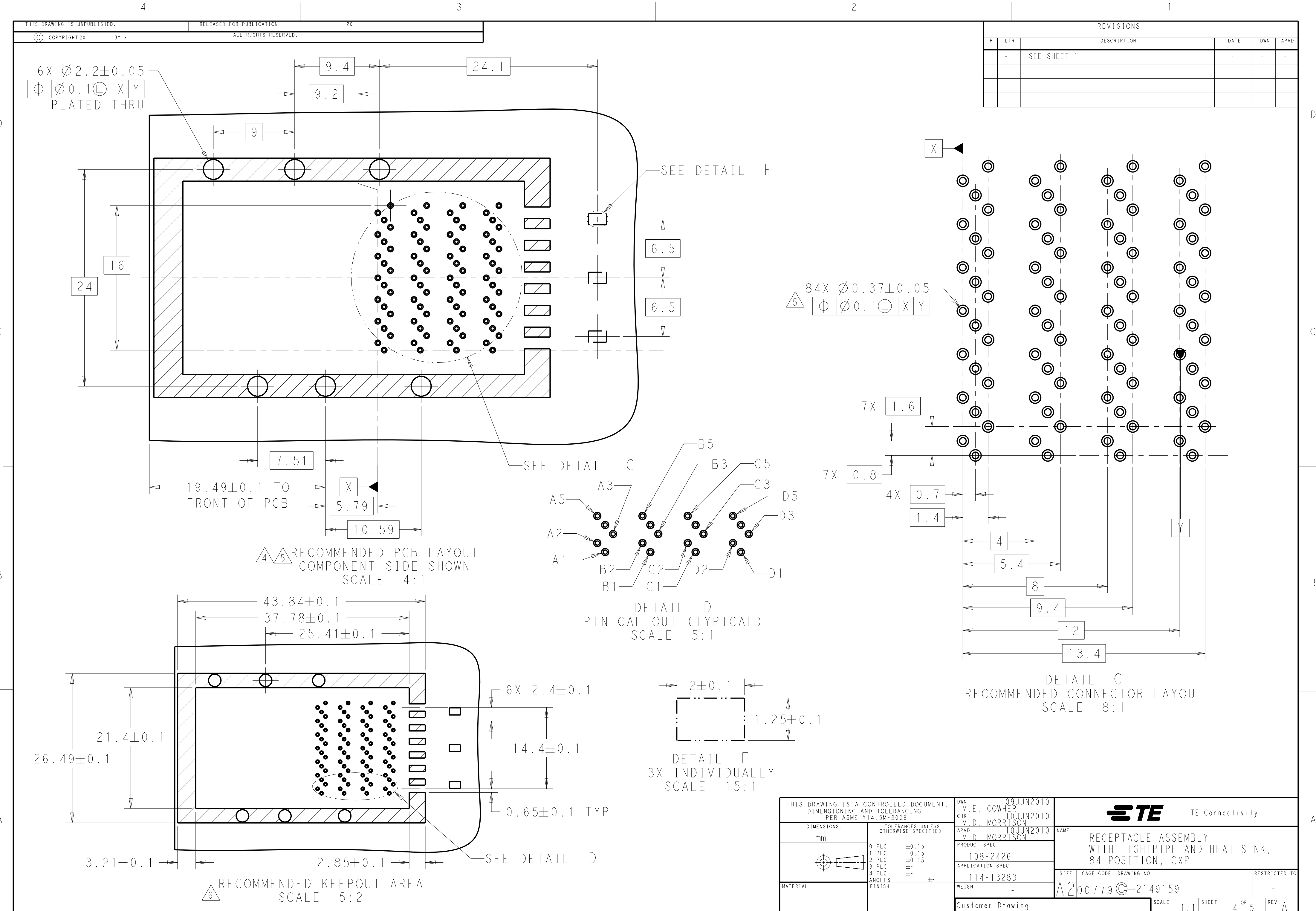
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SHEET

3 OF 5

REV

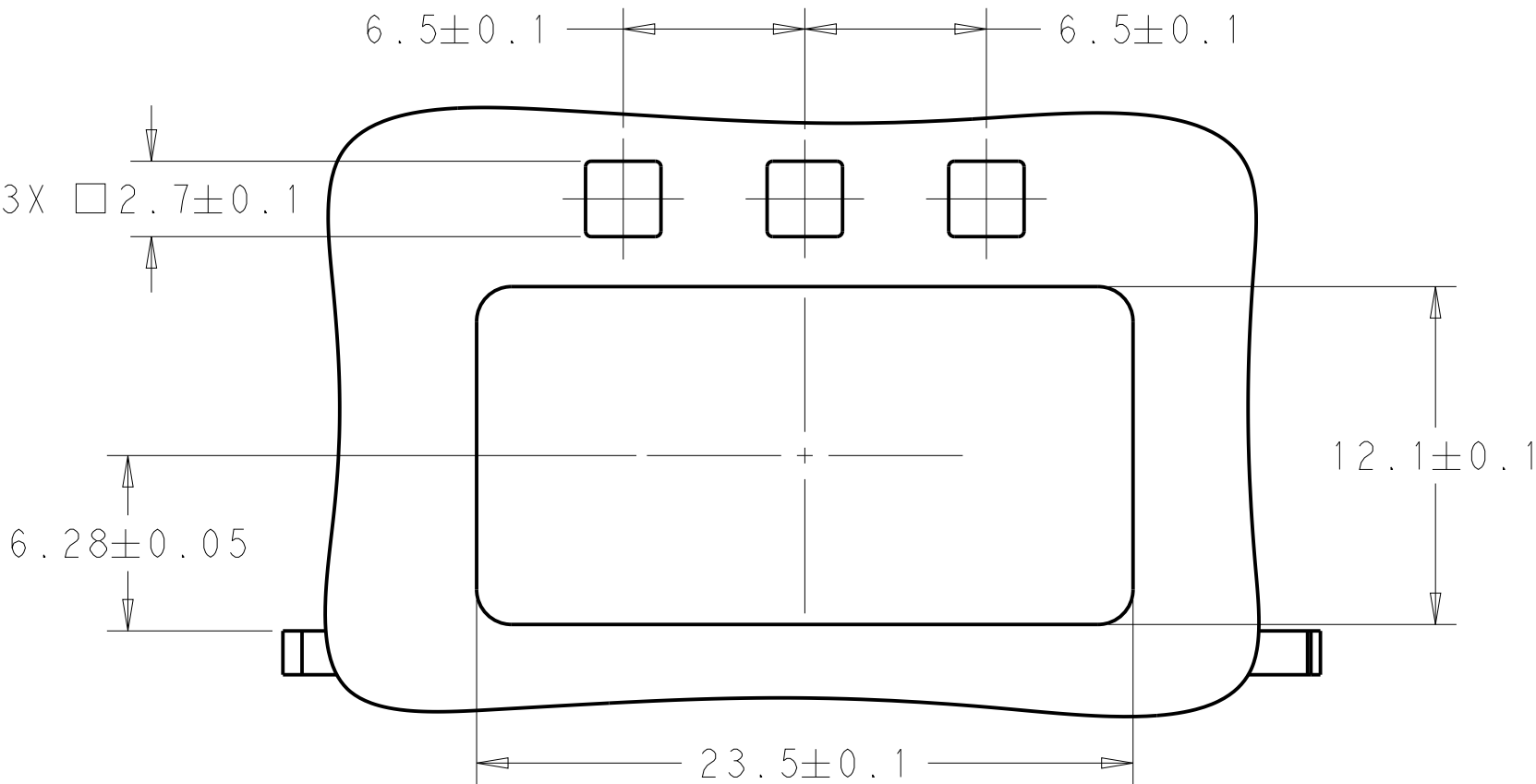
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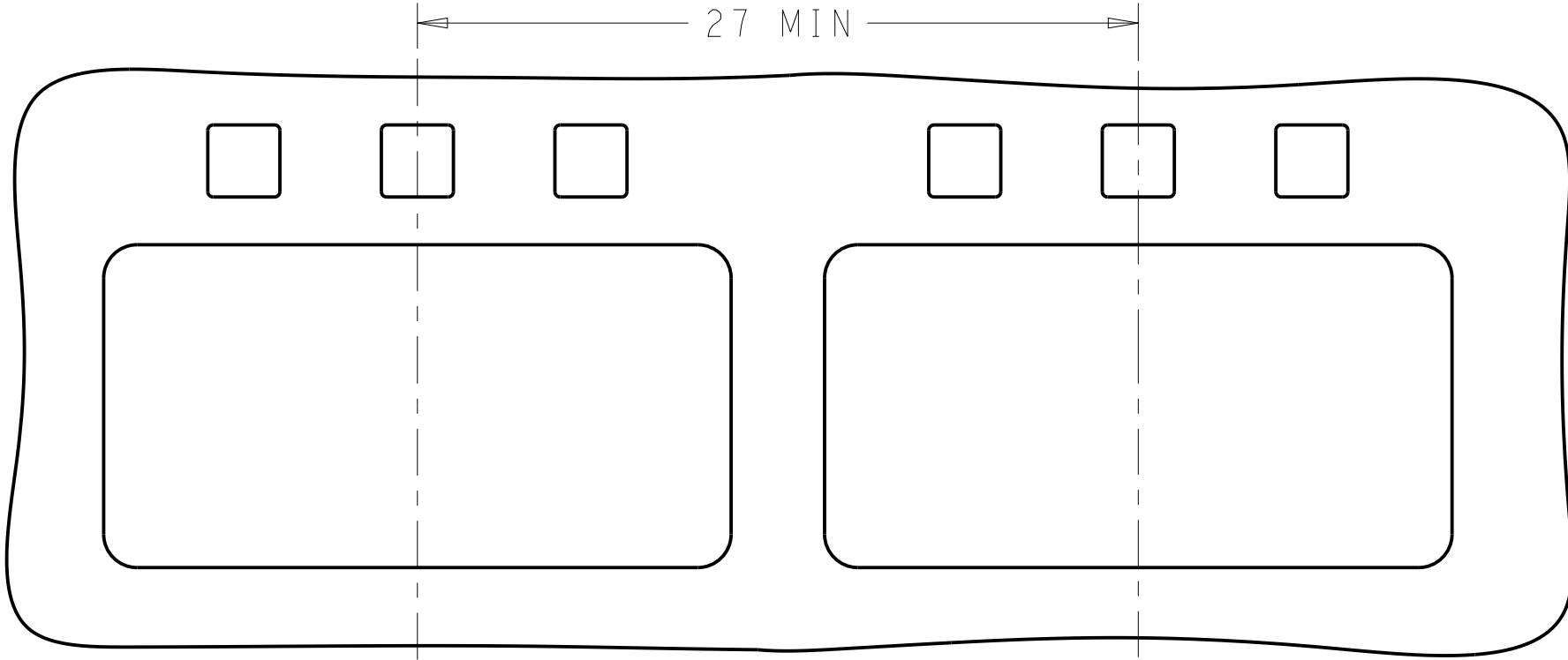
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THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN M.E. COWHER CHK M.D. MORRISON APVD M.D. MORRISON	09 JUN 2010 10 JUN 2010 10 JUN 2010	TE TE Connectivity	
DIMENSIONS: mm		PRODUCT SPEC 108-2426		NAME RECEPTACLE ASSEMBLY WITH LIGHTPIPE AND HEAT SINK, 84 POSITION, CXP	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC 114-13283		SIZE A200779	
MATERIAL		WEIGHT -		DRAWING NO C-2149159	
Customer Drawing		SCALE 1:1		SHEET 4 OF 5	
				REV A	

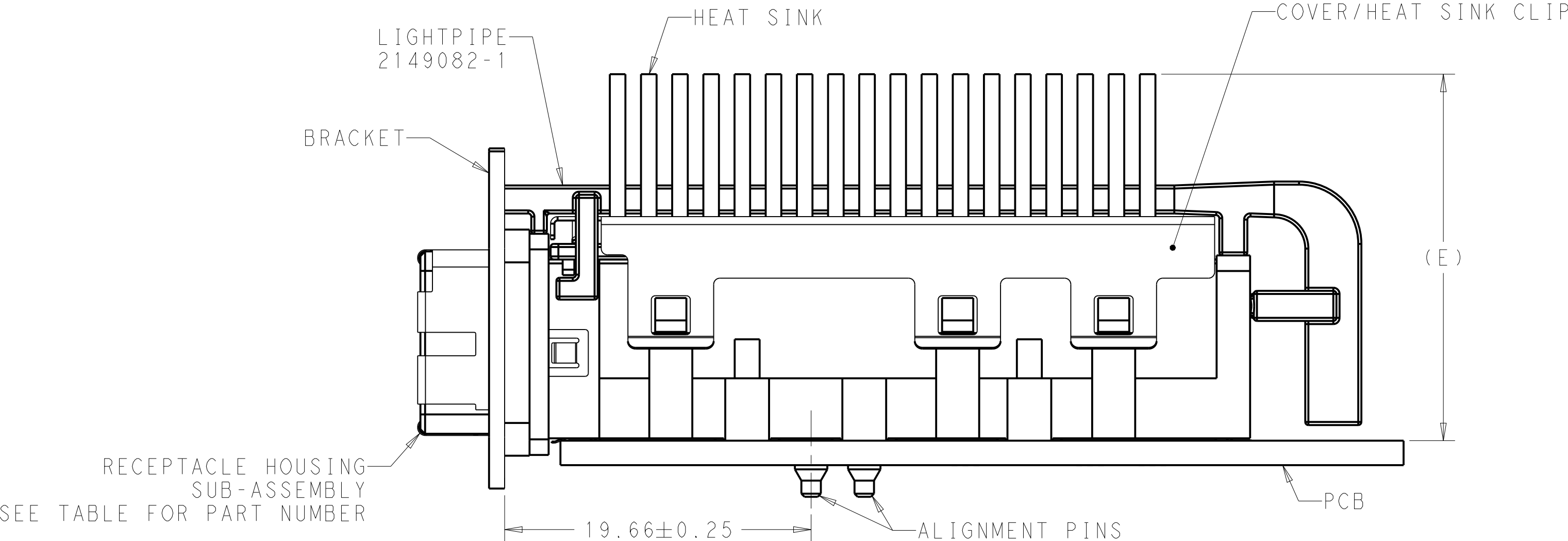
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



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

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DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME RECEPTACLE ASSEMBLY WITH LIGHTPIPE AND HEAT SINK, 84 POSITION, CXP		
1 PLC ±0.15 2 PLC ±0.15 3 PLC ±0.15 4 PLC ±0.15 ANGLES ± FINISH ±		PRODUCT SPEC 108-2426 APPLICATION SPEC 114-13283 WEIGHT -	SIZE A200779	DRAWING NO C-2149159	RESTRICTED TO -
MATERIAL		Customer Drawing	SCALE 1:1	SHEET 5 OF 5	REV A

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[2149159-1](#)