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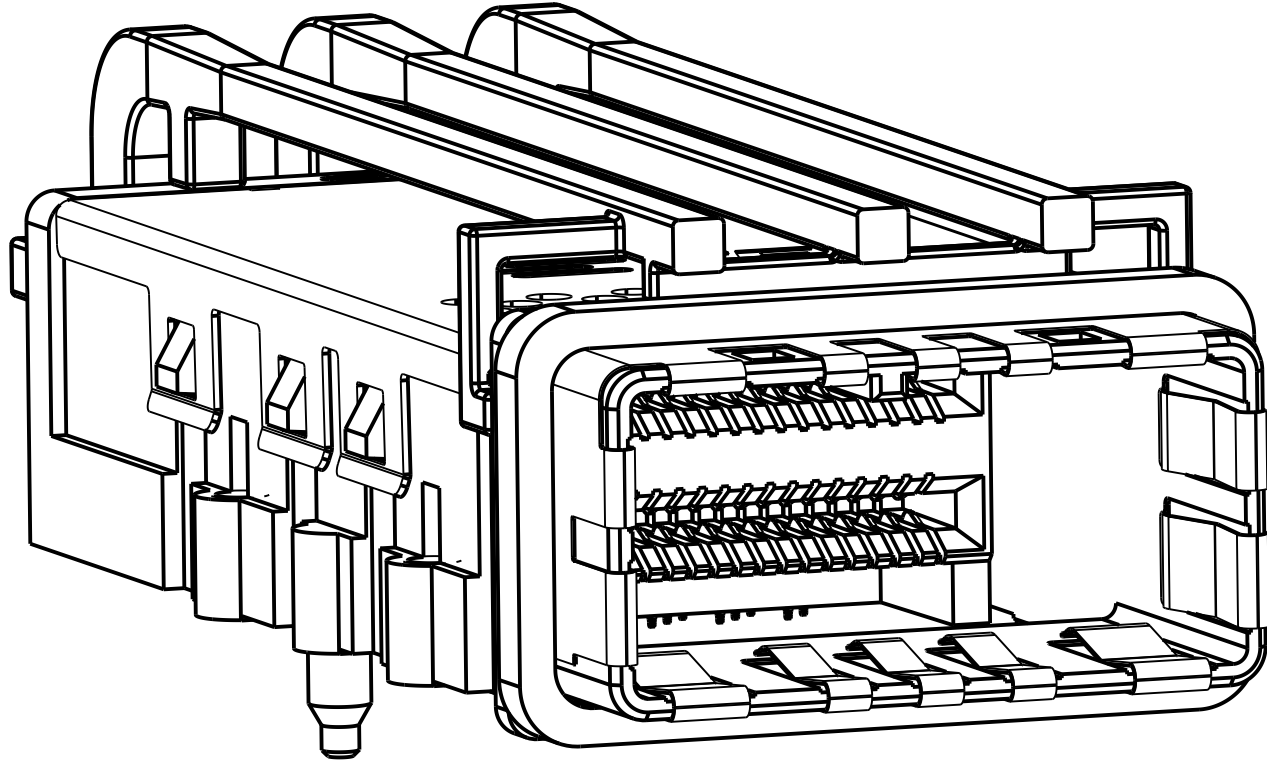
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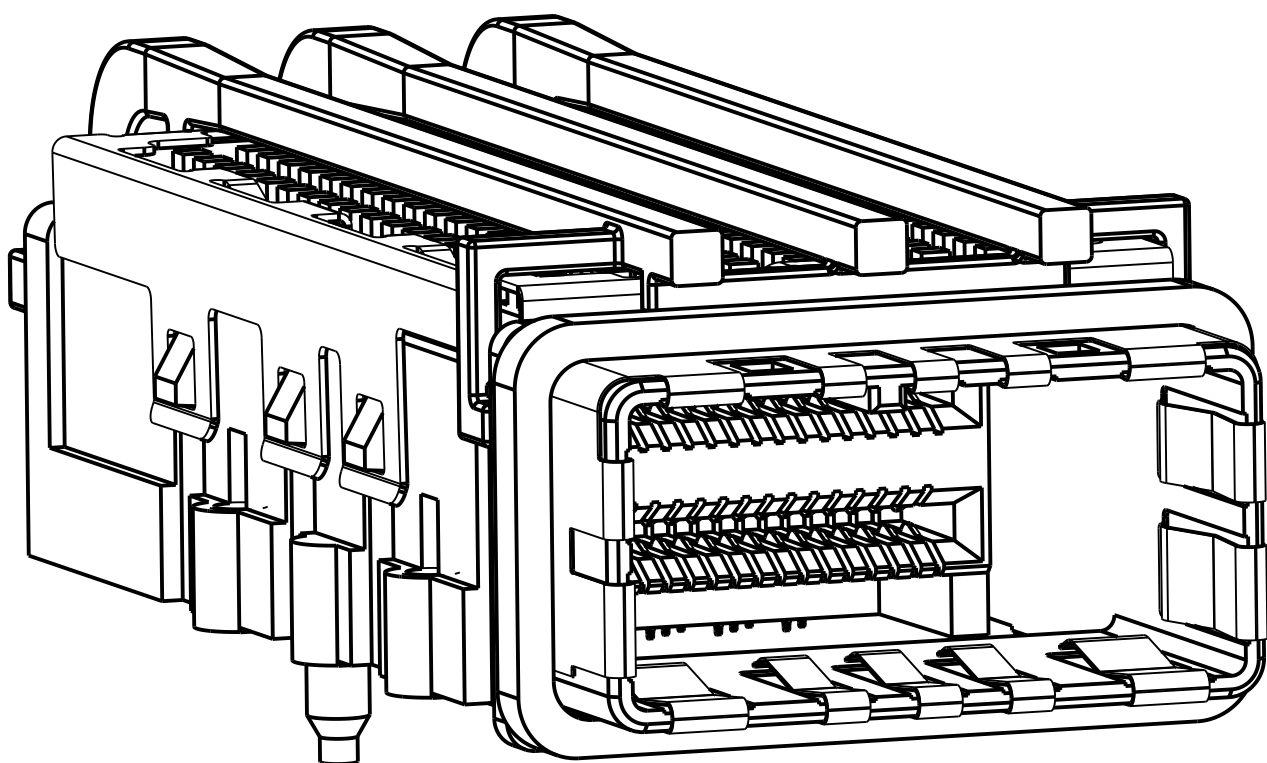
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REVISIONS

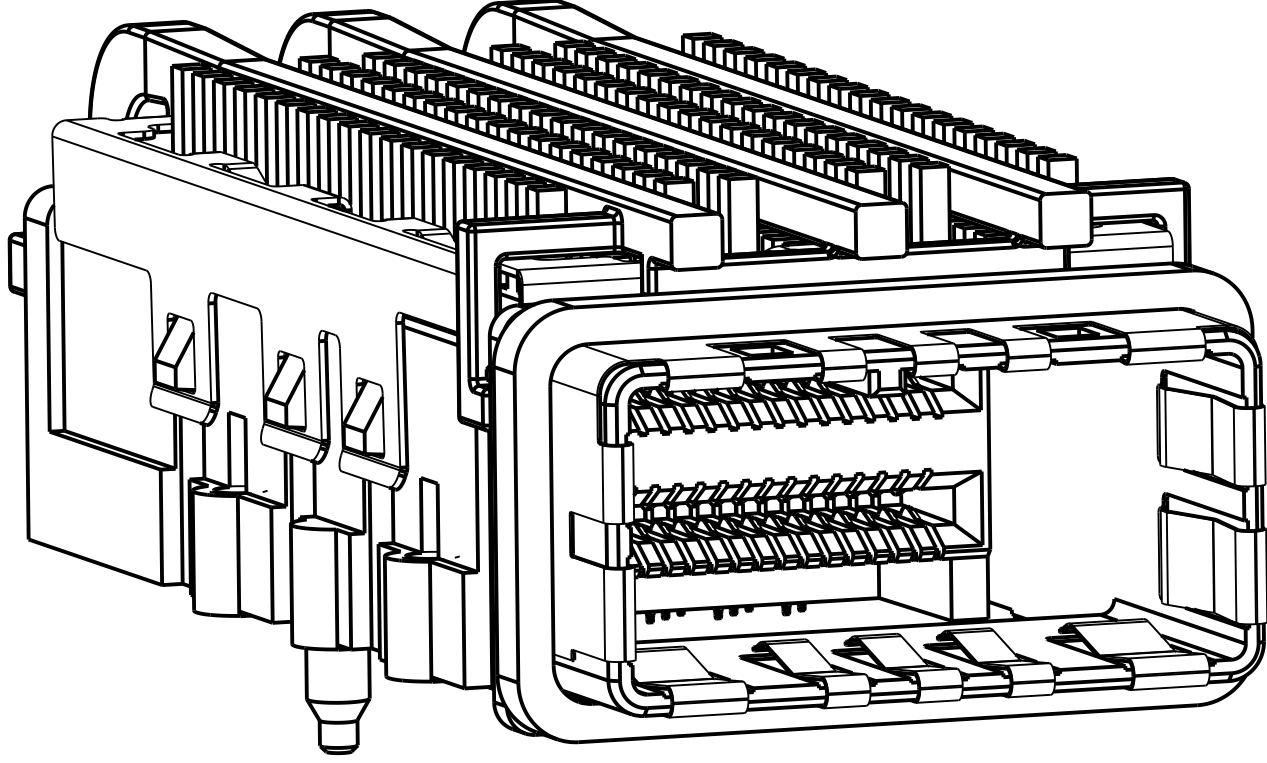
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED ECO-14-003843	31MAR2014	LAW	SB



2149159-1
SCALE 4:1



2149159-3
SCALE 4:1



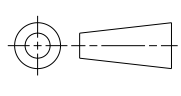
2149159-5
SCALE 4:1

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



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	-	-	-

D

D

C

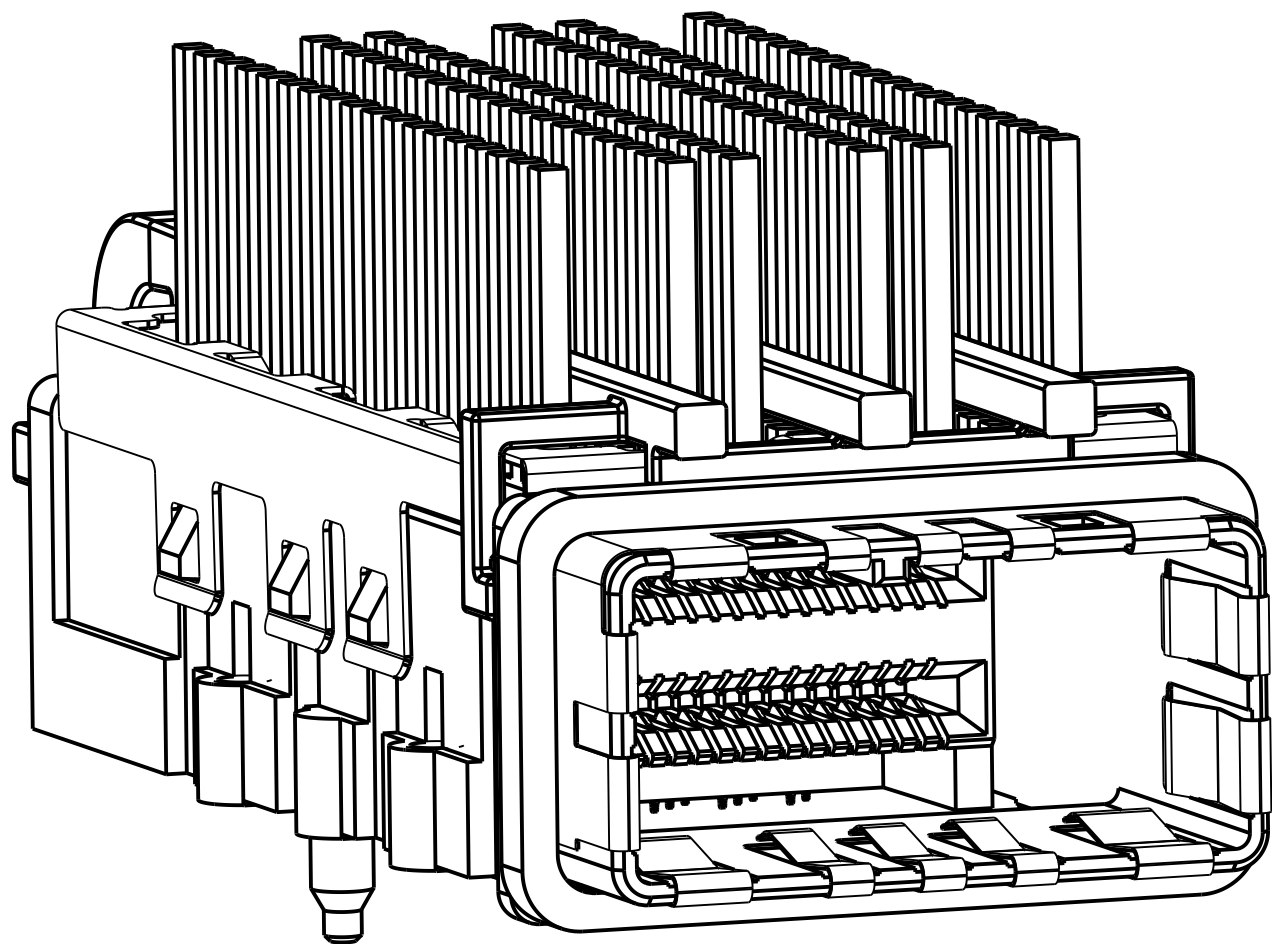
C

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. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN M.E. COWHER 09 JUN 2010 CHK M.D. MORRISON 10 JUN 2010 APVD M.D. MORRISON 10 JUN 2010	TE Connectivity		
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC 108-2426 APPLICATION SPEC 114-13283 WEIGHT -	NAME RECEPTACLE ASSEMBLY WITH LIGHTPIPE AND HEAT SINK, 84 POSITION, CXP		
MATERIAL	0 PLC ±0.15 1 PLC ±0.15 2 PLC ±0.15 3 PLC ± 4 PLC ± ANGLES ± FINISH	Customer Drawing	SIZE A2	CAGE CODE 00779	DRAWING NO 2149159
		SCALE 1:1	SHEET 2	OF 5	REV A

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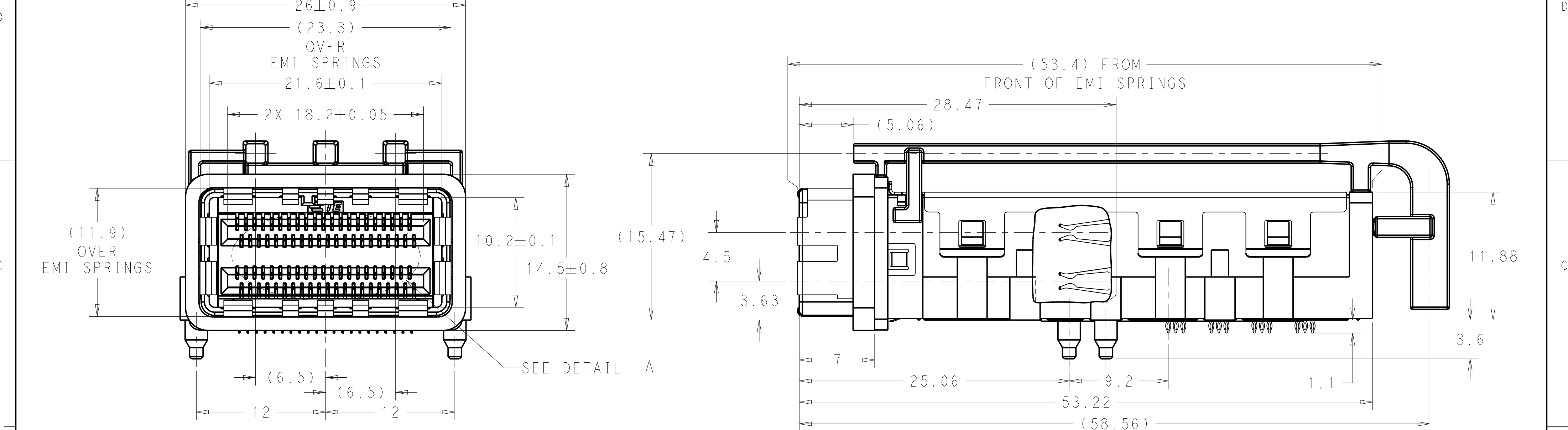
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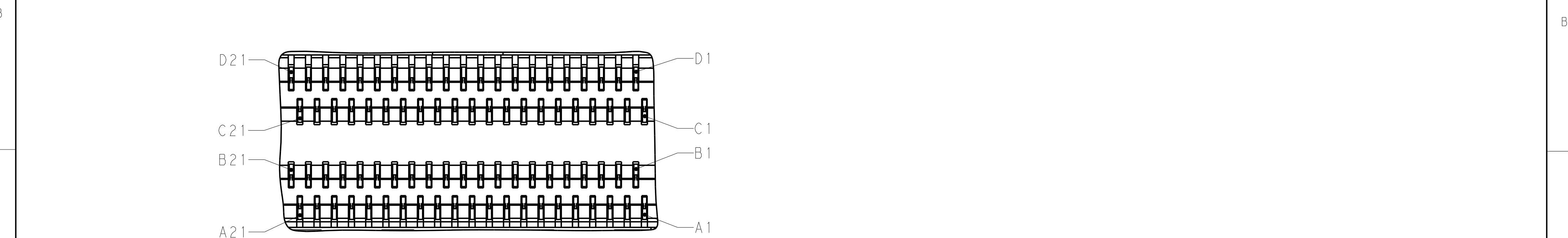
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



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	±

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
A200779

CAGE CODE
C-2149159

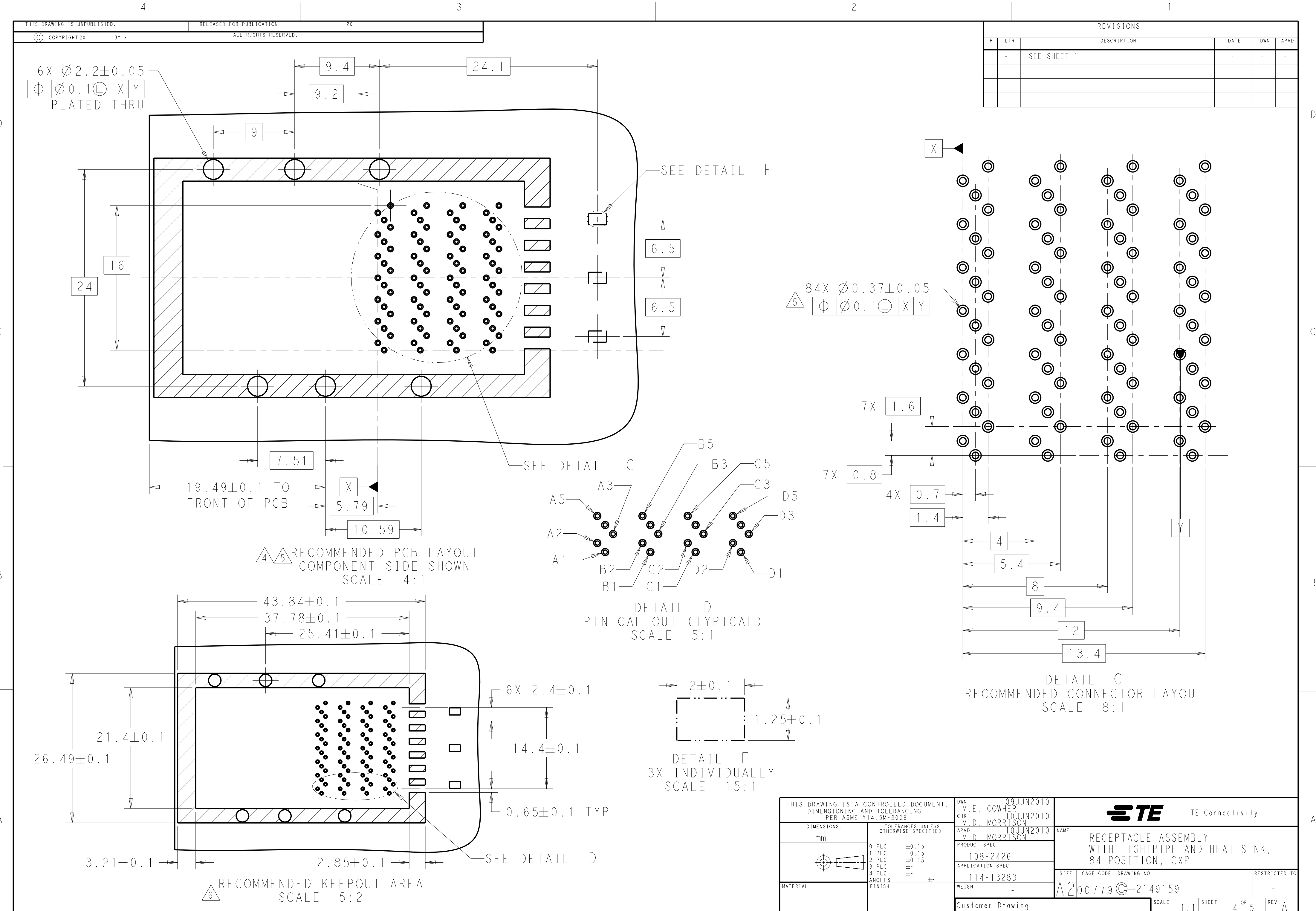
DRAWING NO
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RESTRICTED TO
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SCALE
1:1

SHEET
3 OF 5

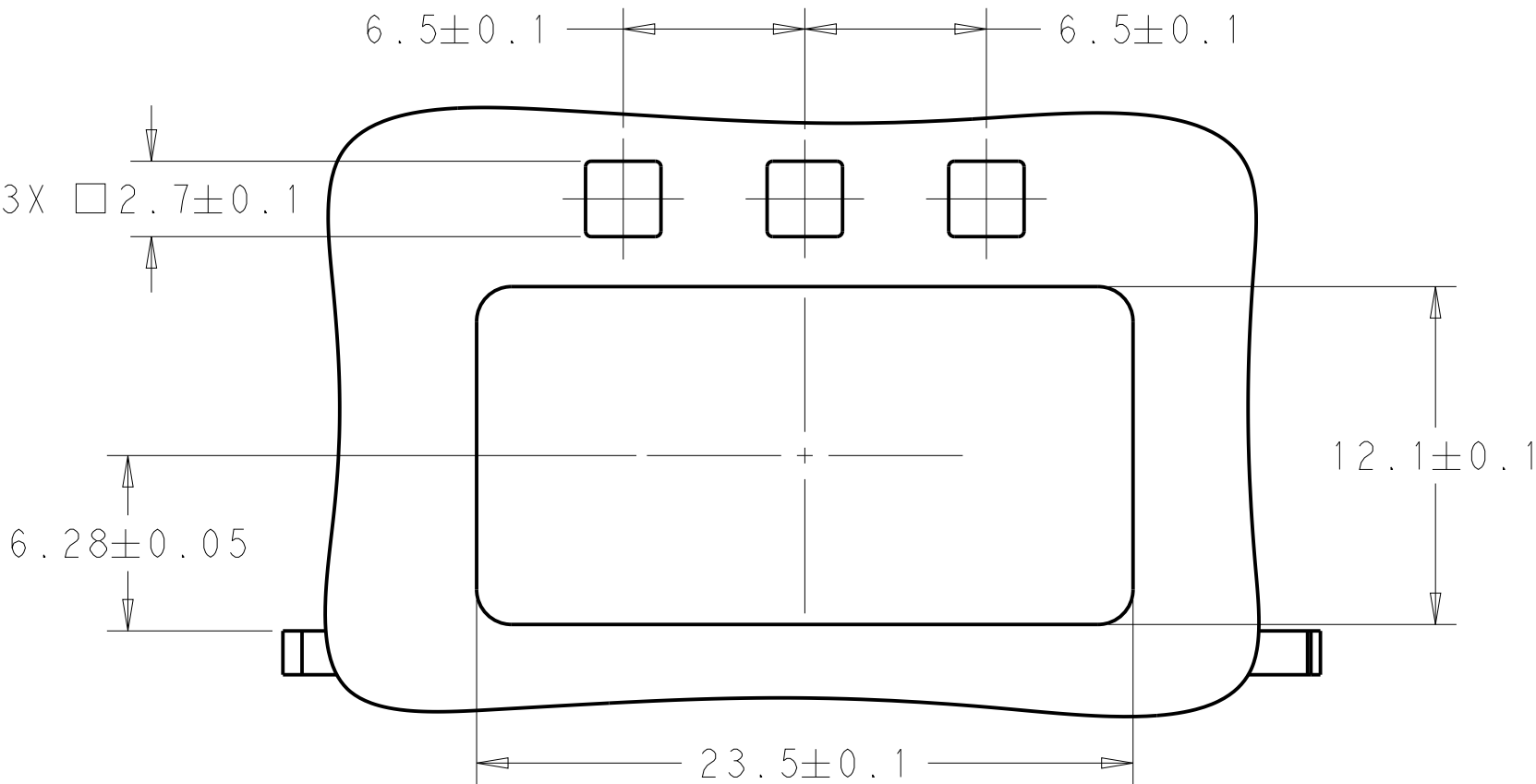
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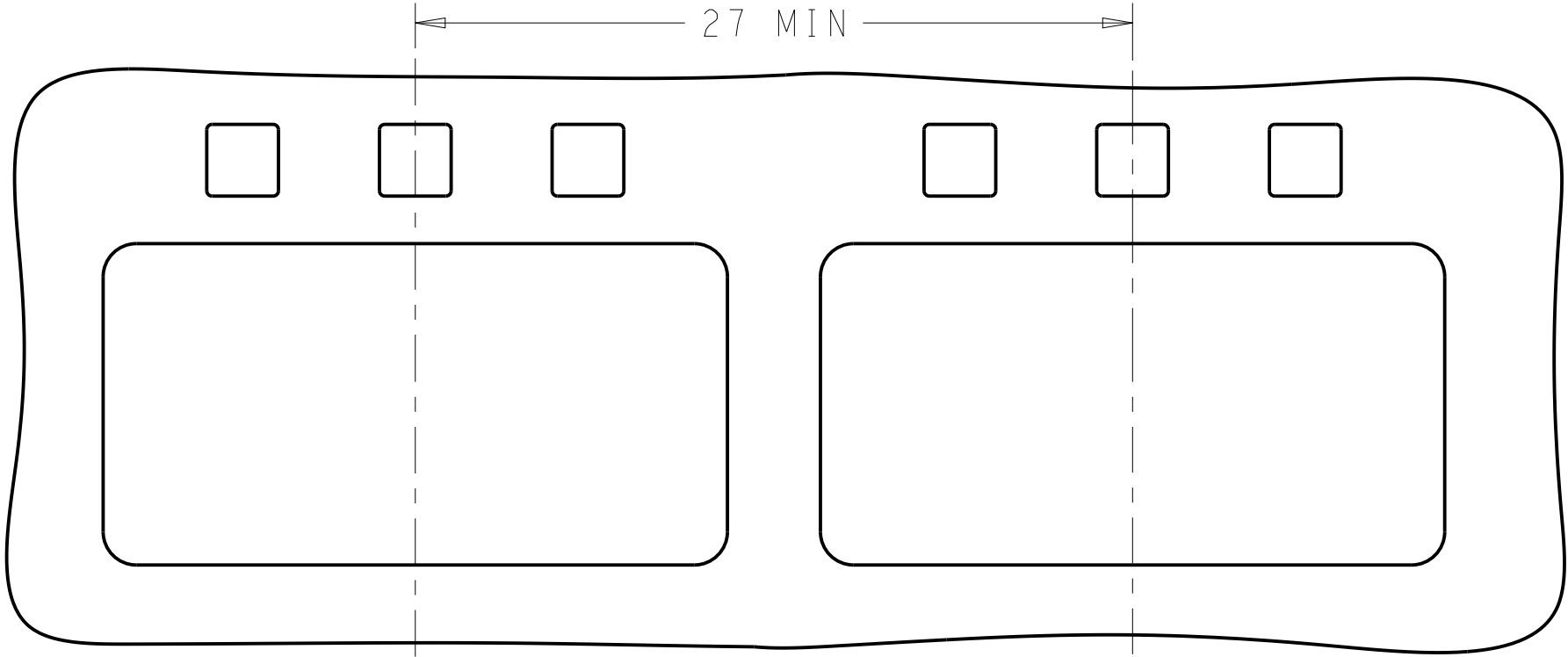
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-	-	SEE SHEET 1	-	-	-

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DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	108-2426	NAME RECEPTACLE ASSEMBLY WITH LIGHTPIPE AND HEAT SINK, 84 POSITION, CXP	
MATERIAL	0 PLC ± 0.15 1 PLC ± 0.15 2 PLC ± 0.15 3 PLC $\pm$ 4 PLC $\pm$ ANGLES $\pm$ FINISH	APPLICATION SPEC	114-13283	SIZE A200779	CAGE CODE C-2149159
Customer Drawing		WEIGHT	-	RESTRICTED TO	-
SCALE 1:1		SHEET 4 OF 5	REV A		

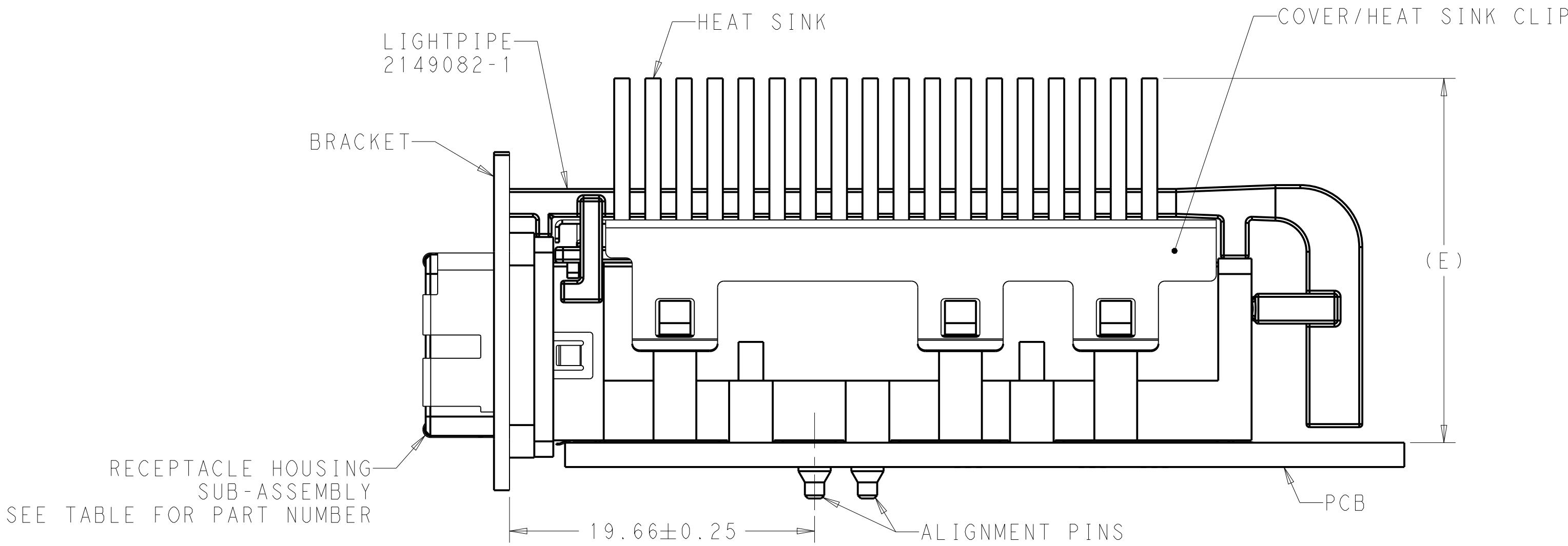
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



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