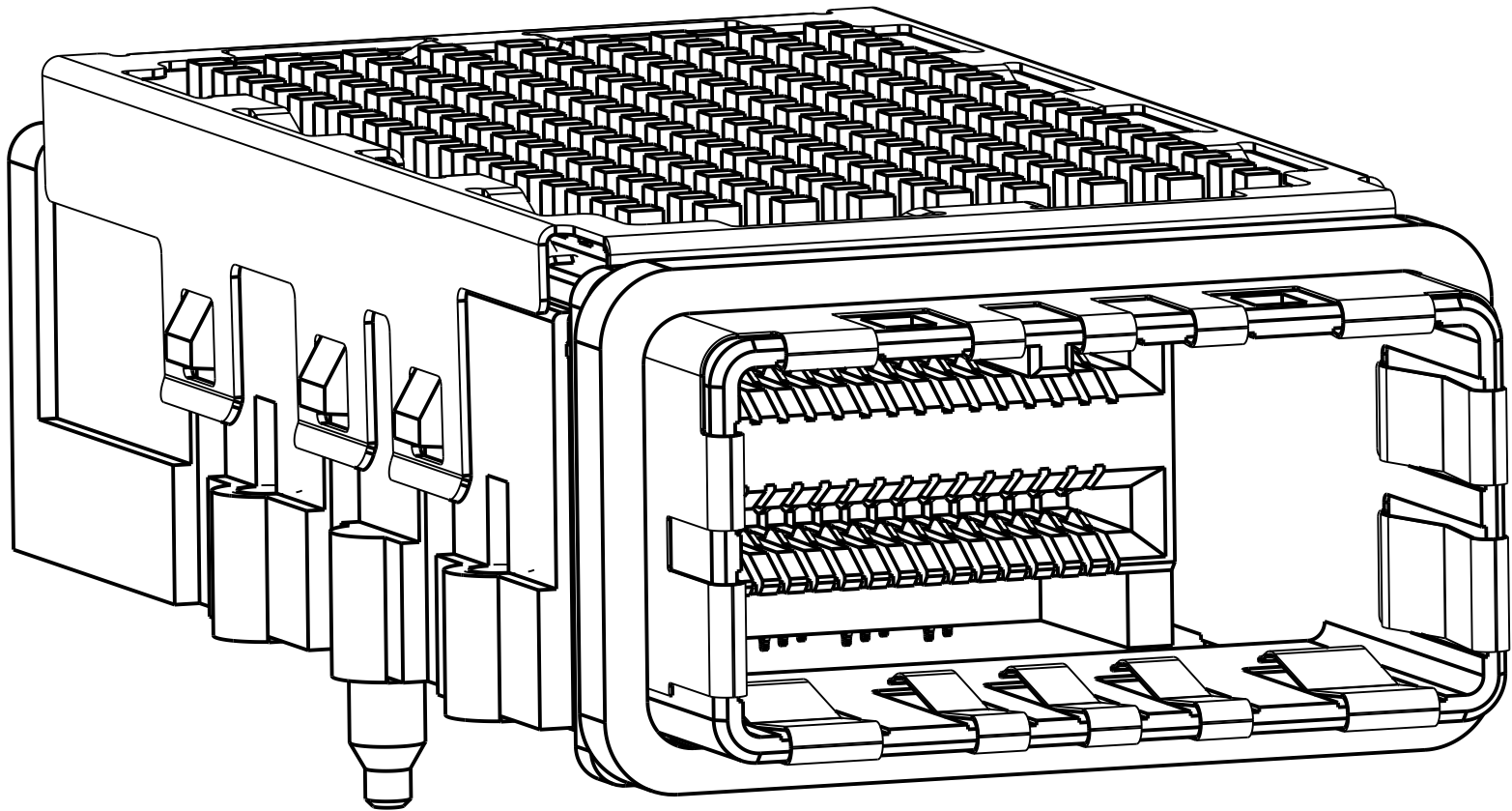
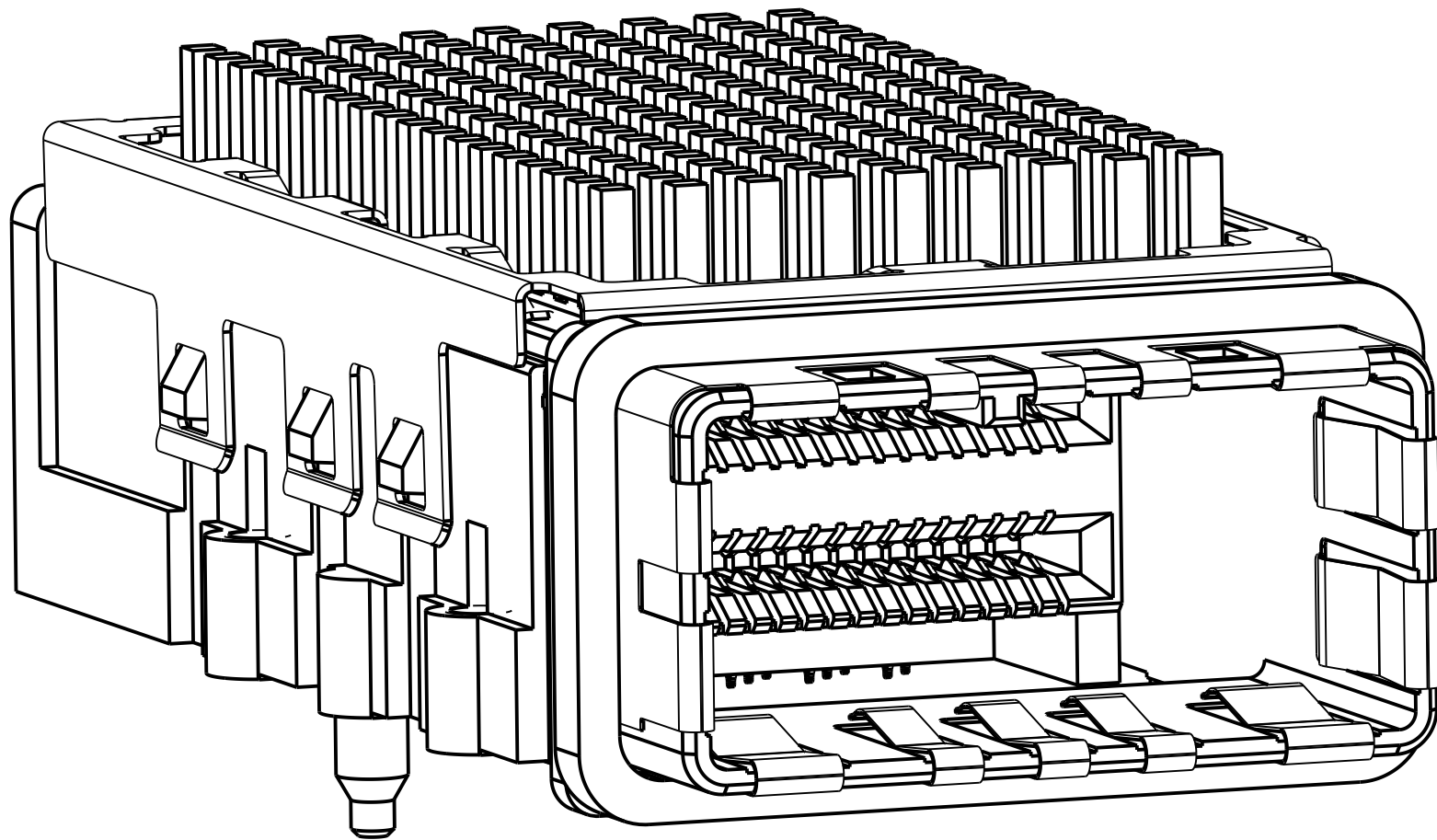




2149157-1
SCALE 5:1



2149157-3
SCALE 5:1

OBSOLETE	23.5	2149448-2		84 POSITION RECEPTACLE ASSEMBLY WITH HEAT SINK	2149157-6
	23.5	2149448-1		84 POSITION RECEPTACLE ASSEMBLY WITH HEAT SINK	2149157-5
OBSOLETE	16.5	2149448-2		84 POSITION RECEPTACLE ASSEMBLY WITH HEAT SINK	2149157-4
	16.5	2149448-1		84 POSITION RECEPTACLE ASSEMBLY WITH HEAT SINK	2149157-3
OBSOLETE	14.2	2149448-2		84 POSITION RECEPTACLE ASSEMBLY WITH HEAT SINK	2149157-2
	14.2	2149448-1		84 POSITION RECEPTACLE ASSEMBLY WITH HEAT SINK	2149157-1
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
M.E. COWHER
09 JUN 2010

CHK
M.D. MORRISON
10 JUN 2010

APVD
M.D. MORRISON
10 JUN 2010

PRODUCT SPEC
108-2426

APPLICATION SPEC
114-13283

WEIGHT
-

Customer Drawing

TE Connectivity

NAME
RECEPTACLE ASSEMBLY WITH HEAT SINK, 84 POSITION, CXP

SIZE
A2

CAGE CODE
00779

DRAWING NO
C-2149157

RESTRICTED TO
-

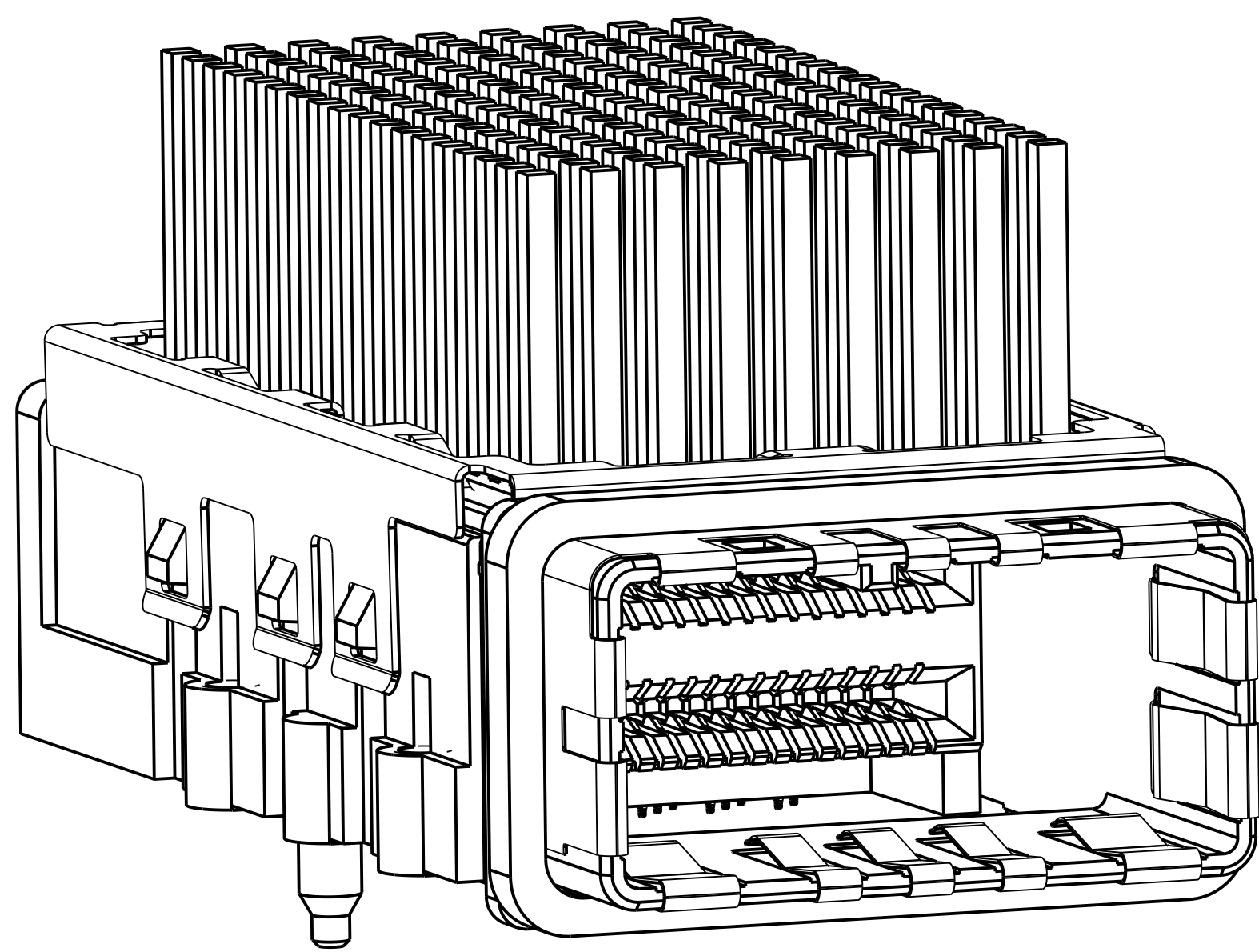
SCALE
1:1

SHEET
1

OF
5

REV
A

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



2149157-5
SCALE 5:1

- 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
- 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 COMPLAINT PIN
HOUSING & HEATSINK - 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 HEAT SINK, 84 POSITION, CXP -		
MATERIAL	FINISH	Customer Drawing	SIZE A2	CAGE CODE 00779	DRAWING NO C-2149157
		SCALE 1:1	SHEET 2	OF 5	REV A

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RELEASED FOR PUBLICATION

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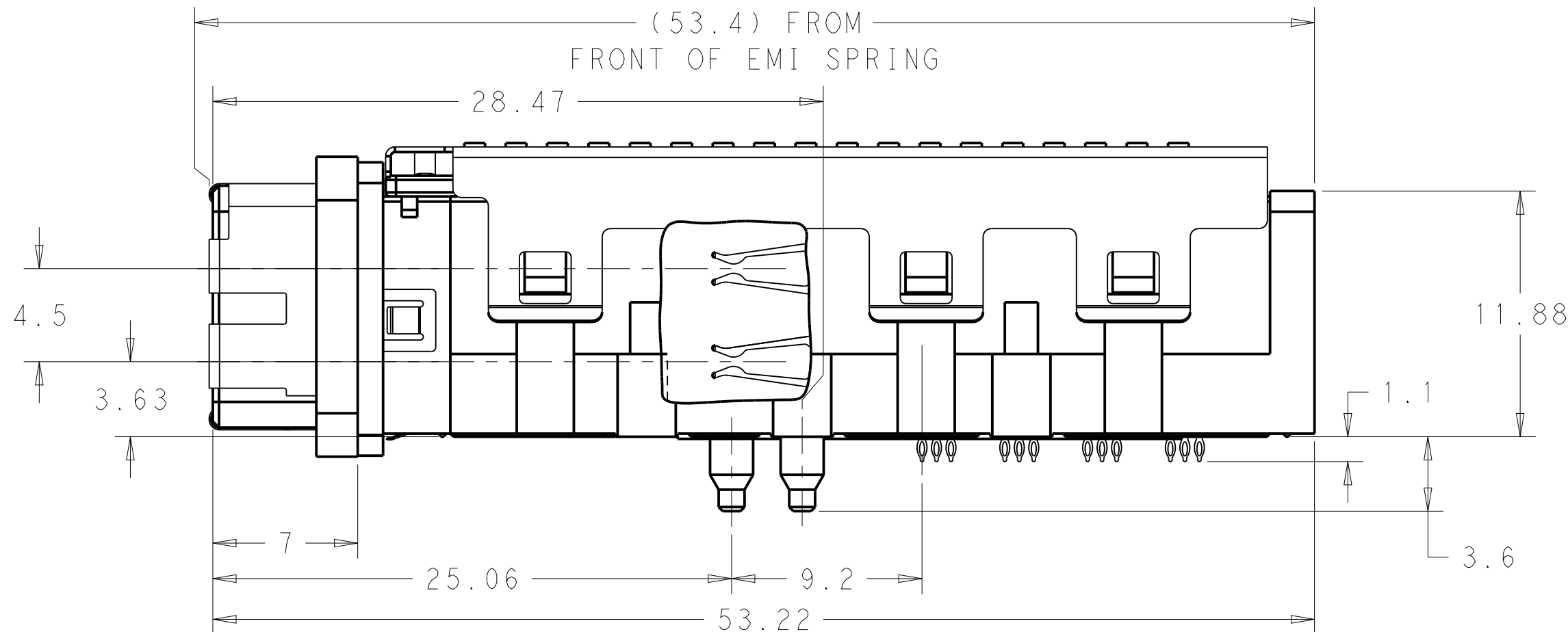
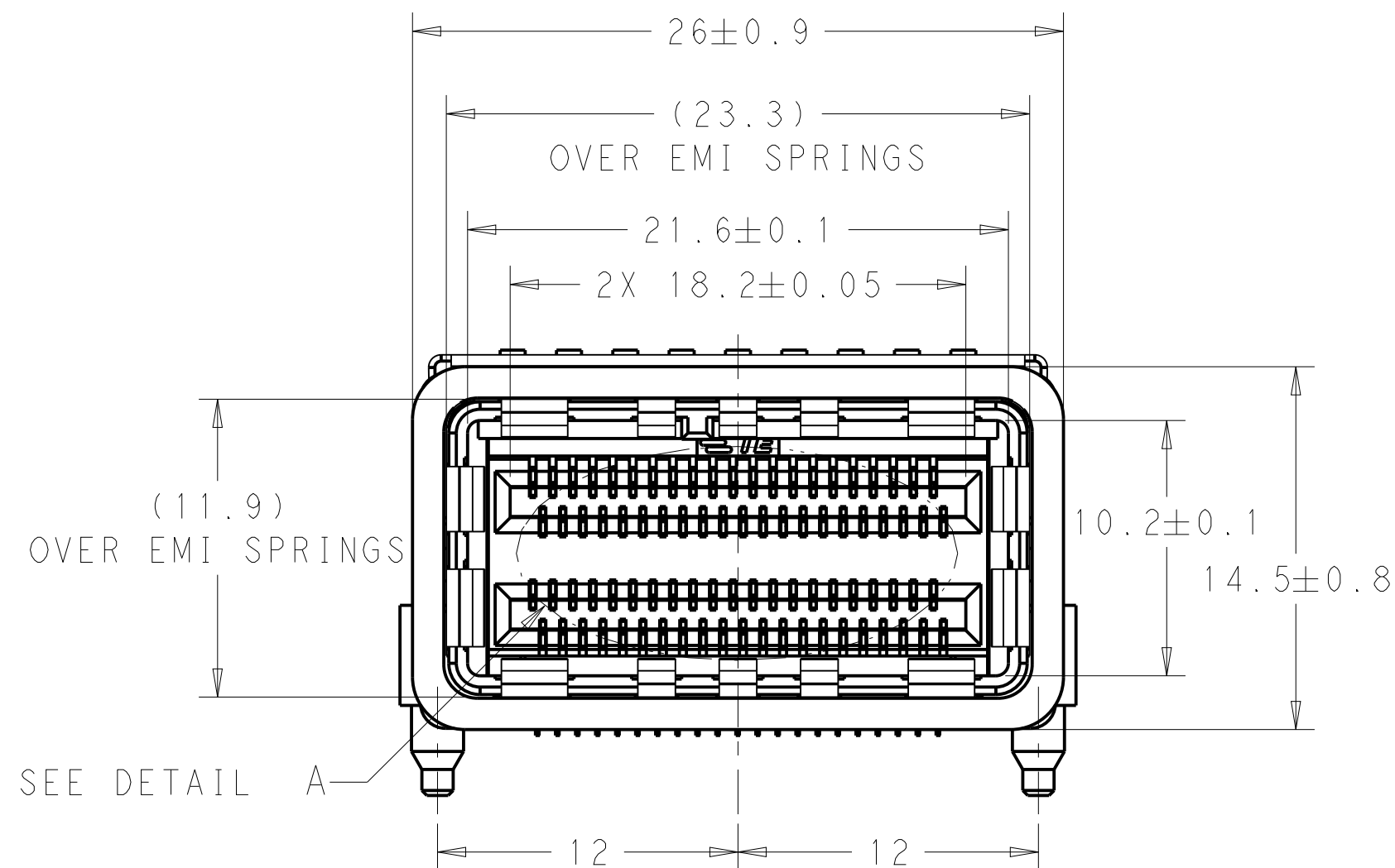
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

D

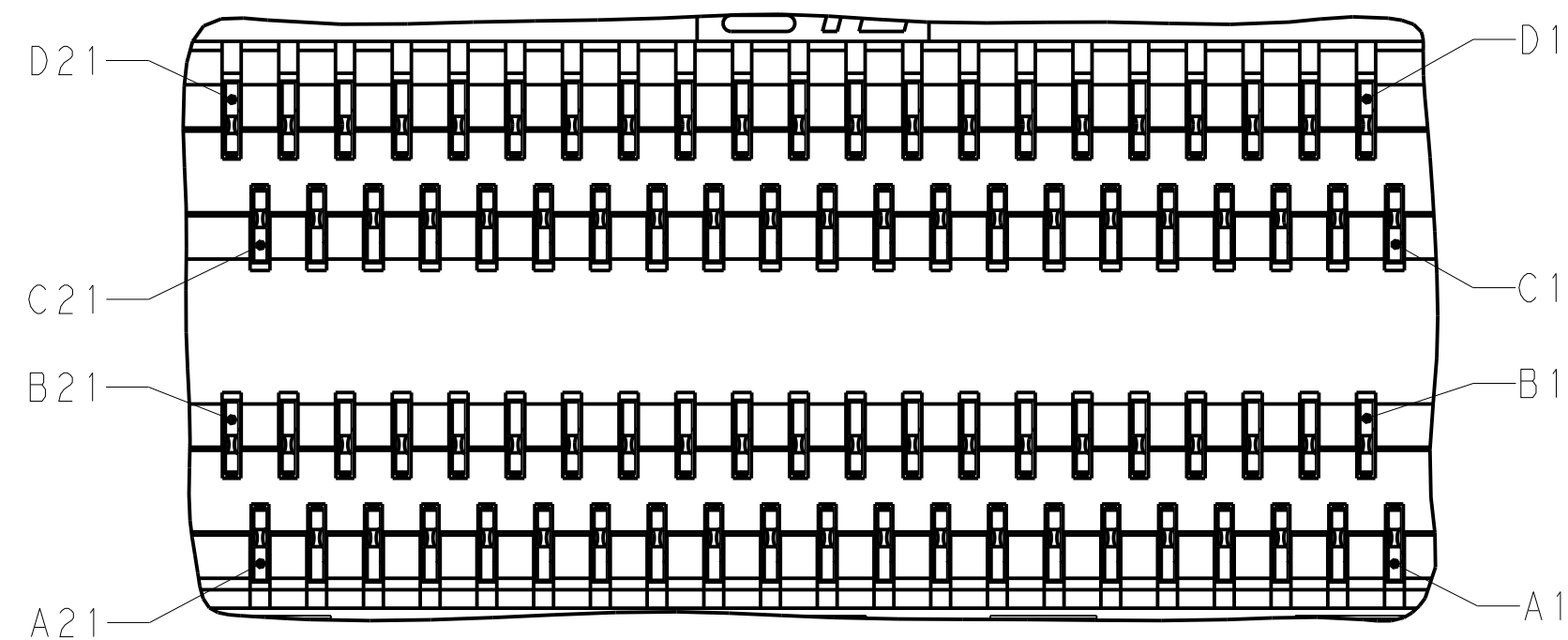
C

B

A



2149157-1
SCALE 4:1



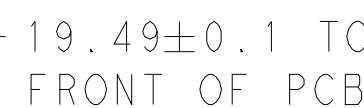
DETAIL A
CONNECTOR PIN CALLOUT
SCALE 10:1

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:	NAME RECEPTACLE ASSEMBLY WITH HEAT SINK, 84 POSITION, CXP		
		0 PLC ±0.15	PRODUCT SPEC		
		1 PLC ±0.15	108-2426		
MATERIAL		2 PLC ±0.15	APPLICATION SPEC		
		3 PLC ±	114-13283		
		4 PLC ±	WEIGHT		
		ANGLES ±	-		
		FINISH	Customer Drawing		
			SIZE A200779	CAGE CODE C-2149157	RESTRICTED TO -
			SCALE 4:1	SHEET 3 OF 5	REV A

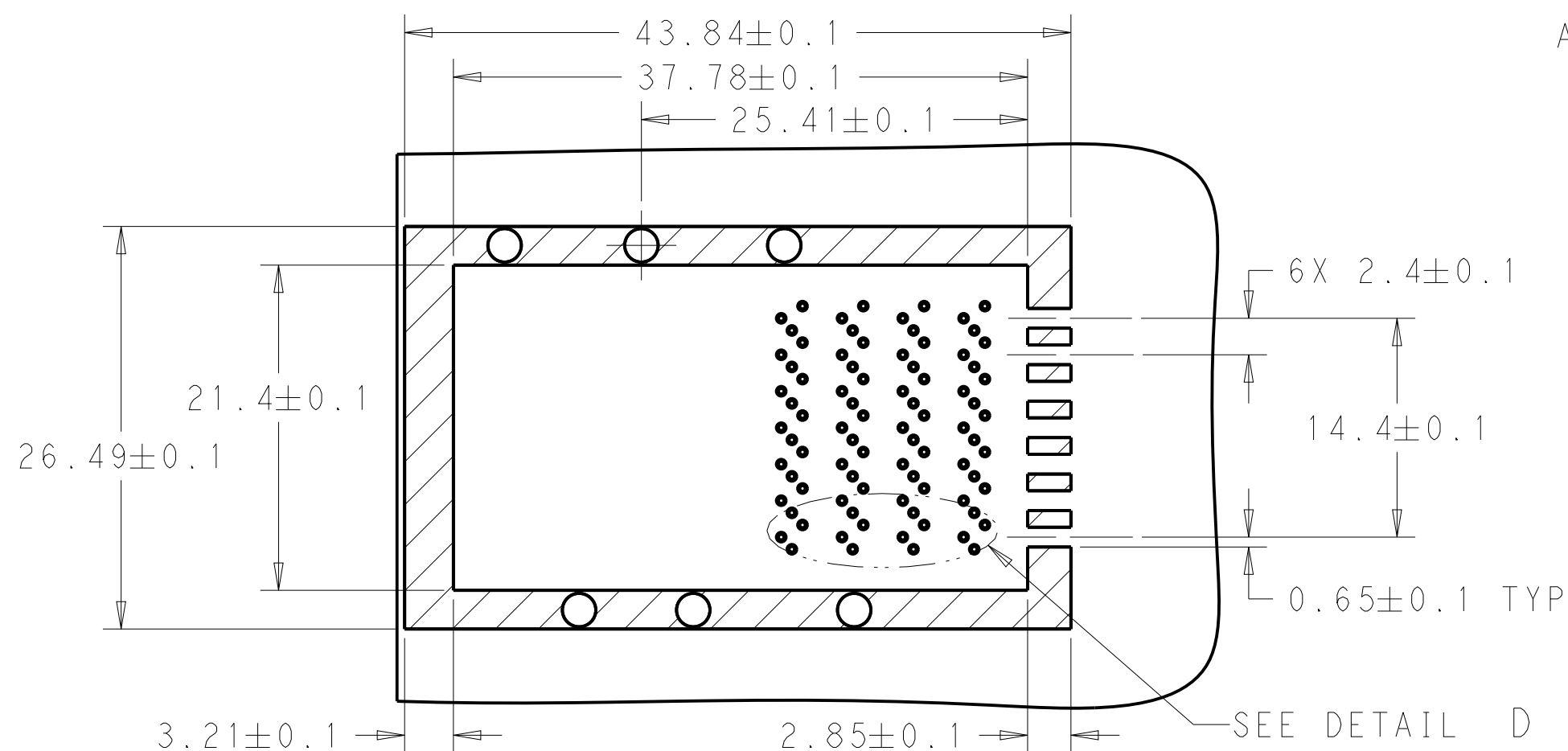
6X $\varnothing 2.2 \pm 0.05$

$\oplus$	$\varnothing 0.1 \text{ (L)}$	X	Y
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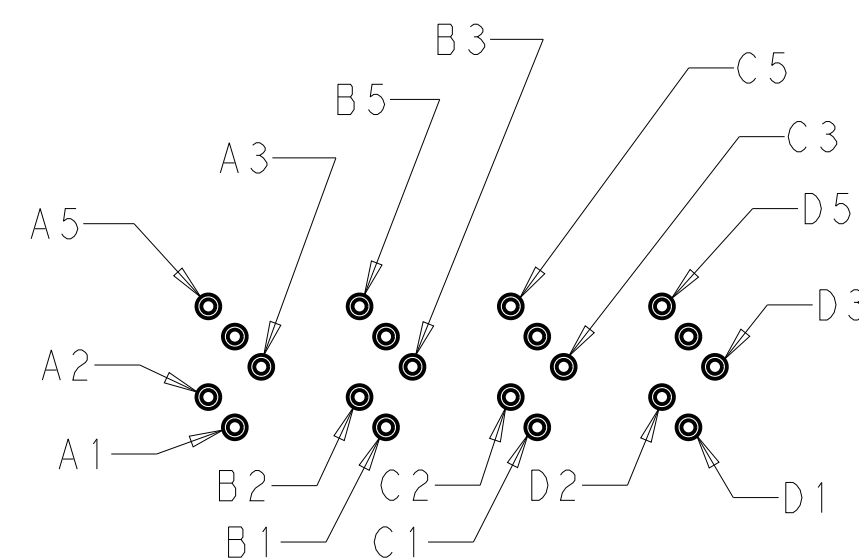
 PLATED THRU



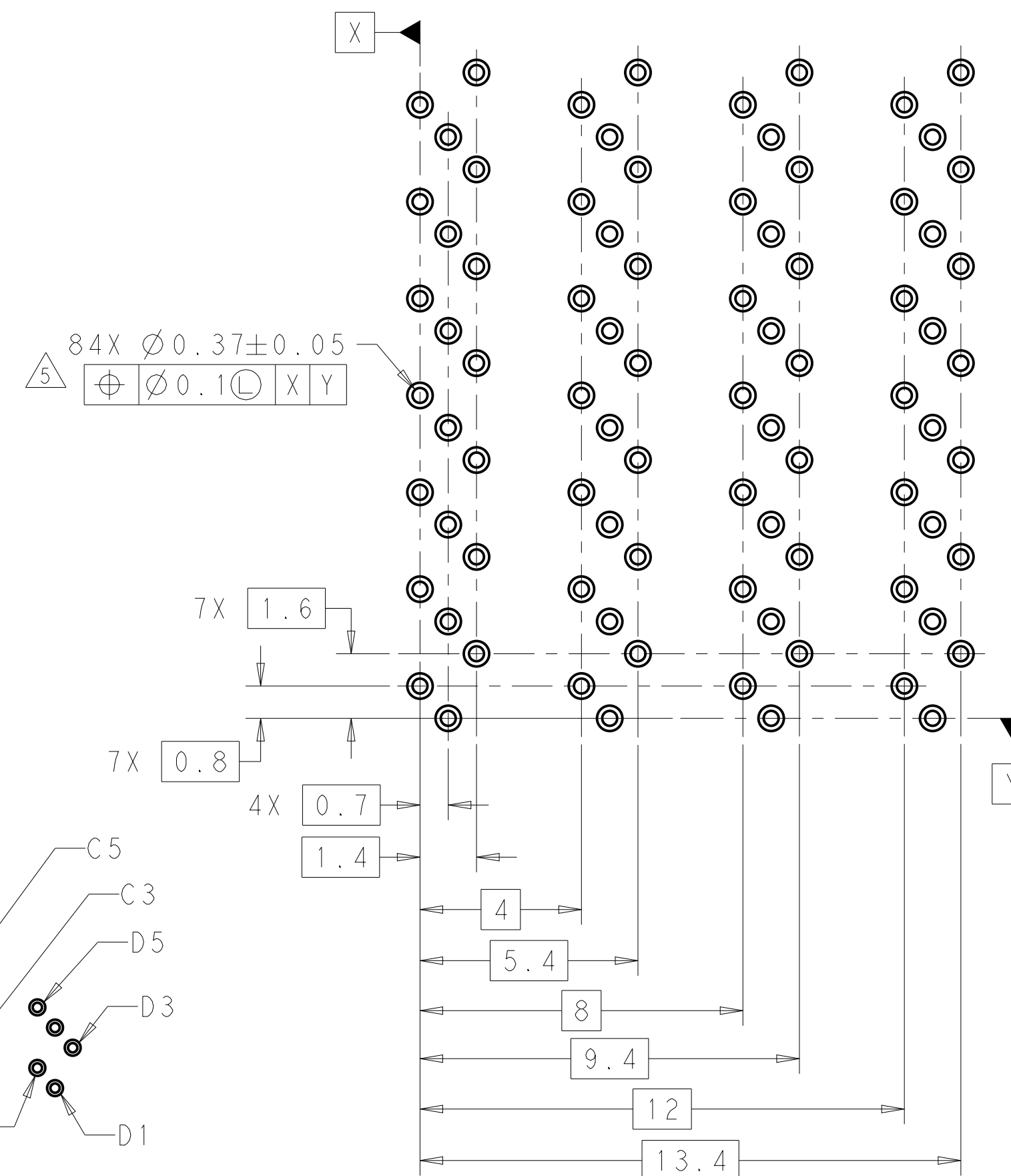
RECOMMENDED PCB LAYOUT
COMPONENT SIDE SHOWN
SCALE 4:1



RECOMMENDED KEEPOUT AREA
SCALE 5:2



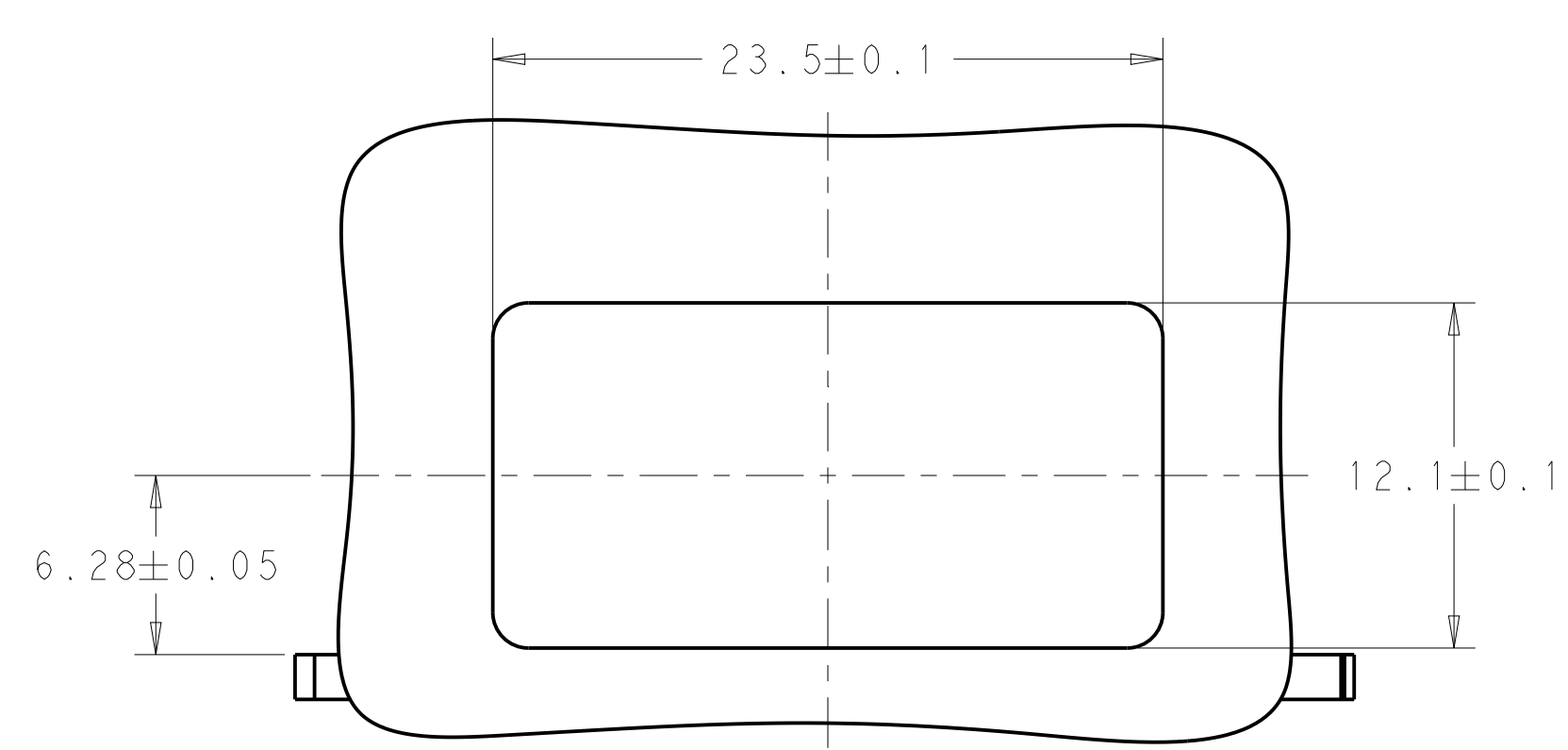
DETAIL D
PIN CALLOUT (TYPICAL)
SCALE 5:1



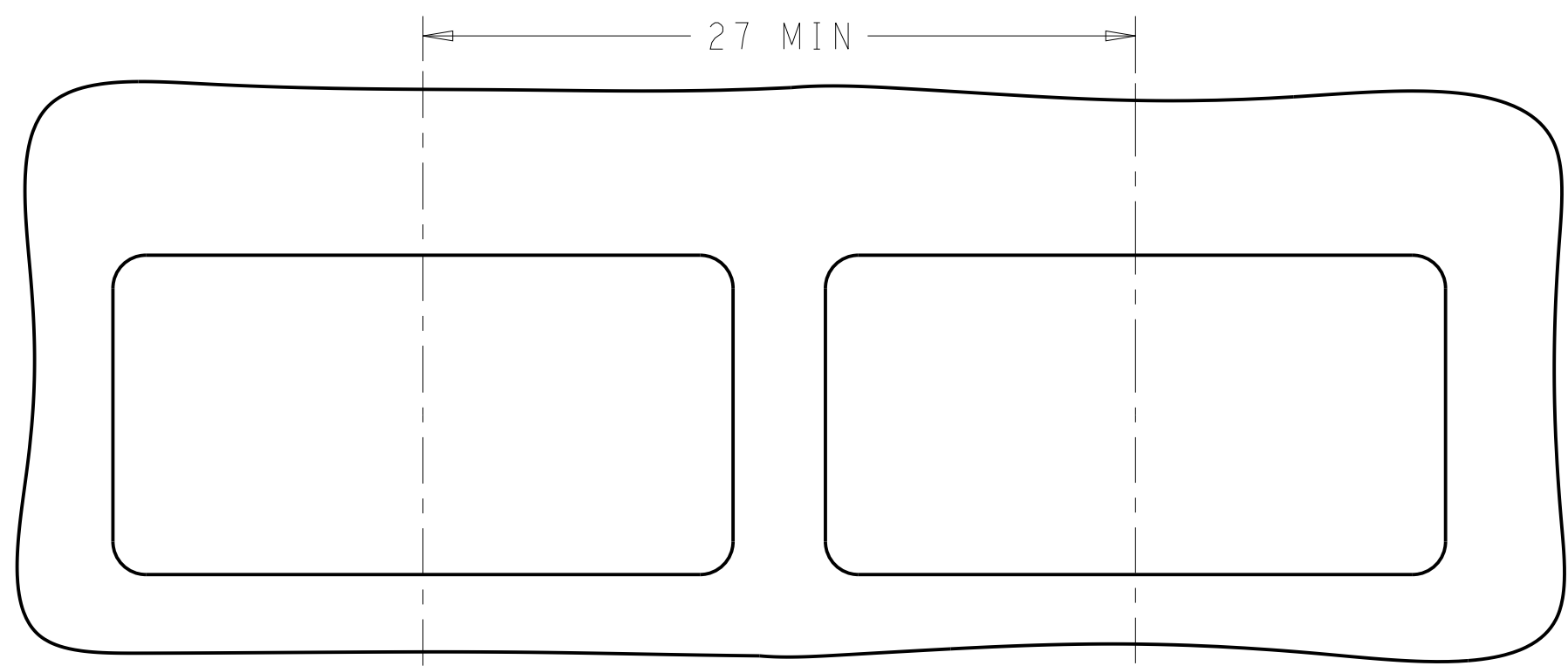
DETAIL C
RECOMMENDED CONNECTOR LAYOUT
SCALE 8:1

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 Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RECEPTACLE ASSEMBLY WITH HEAT SINK 84 POSITION, CXP		
		0 PLC ±0.15 1 PLC ±0.15 2 PLC ±0.15 3 PLC ± 4 PLC ± ANGLES ± FINISH ±		PRODUCT SPEC 108-2426 APPLICATION SPEC 114-13283		RESTRICTED
MATERIAL		WEIGHT -		SIZE A2	CAGE CODE 000779	DRAWING NO C=2149157
Customer Drawing				SCALE 3:1	SHEET 4 OF 5	REV A

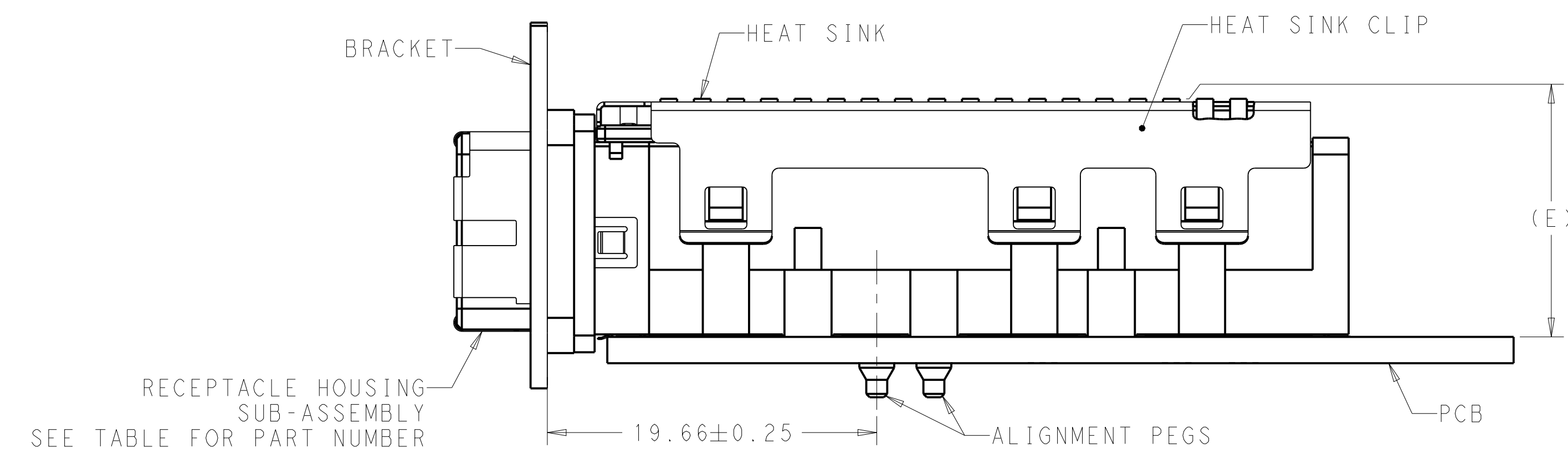
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



RECOMMENDED BRACKET CUT-OUT
SCALE 4:1



RECOMMENDED BRACKET CUT-OUT SPACING
SCALE 4:1



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

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 HEAT SINK,
84 POSITION, CXP

SIZE
A2

CAGE CODE
00779

DRAWING NO
C-2149157

RESTRICTED TO
-

SCALE 4:1

SHEET 5 OF 5

REV A