

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

© COPYRIGHT 20

BY -

ALL RIGHTS RESERVED.

LOC

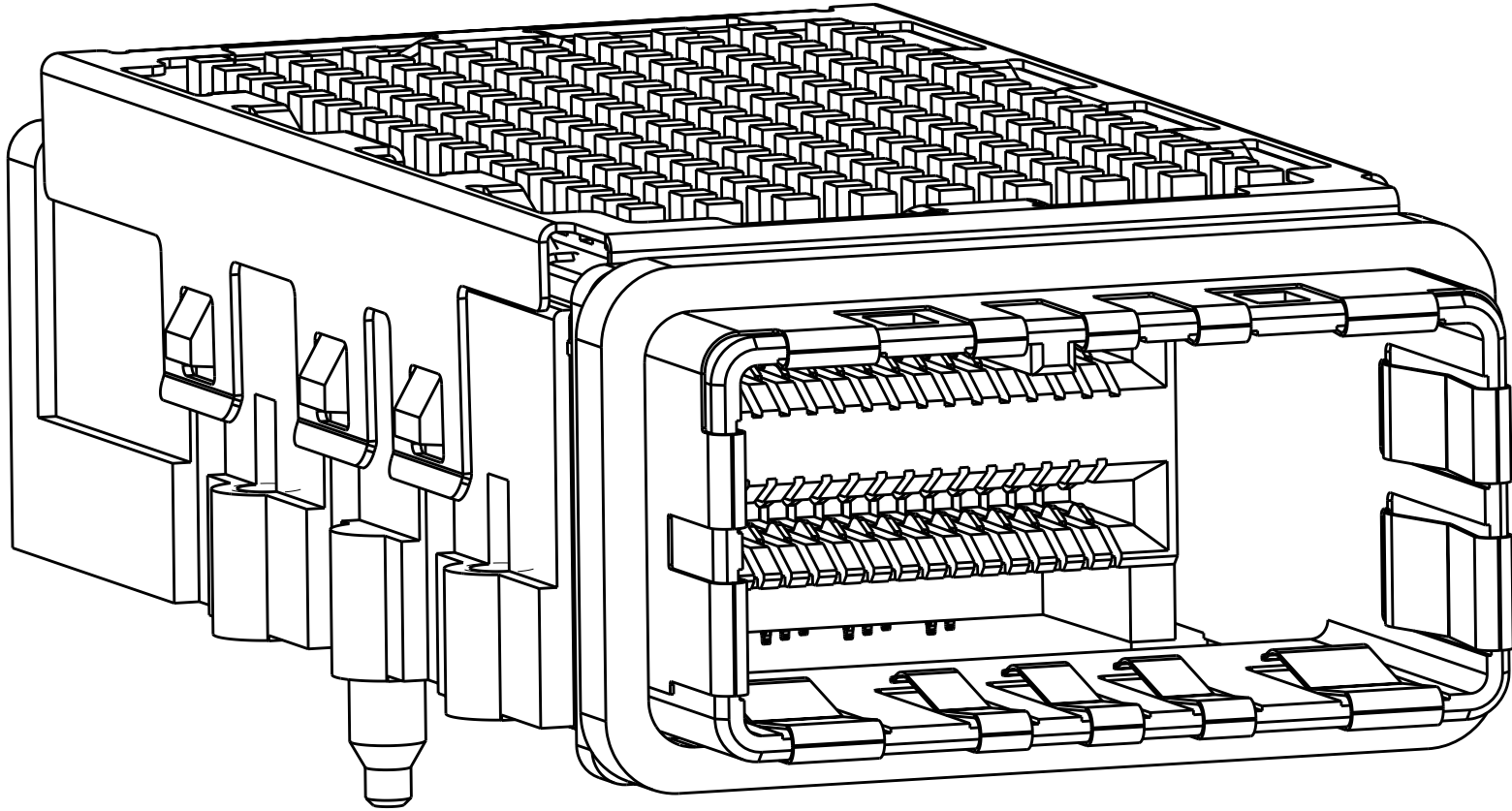
DIST

GP

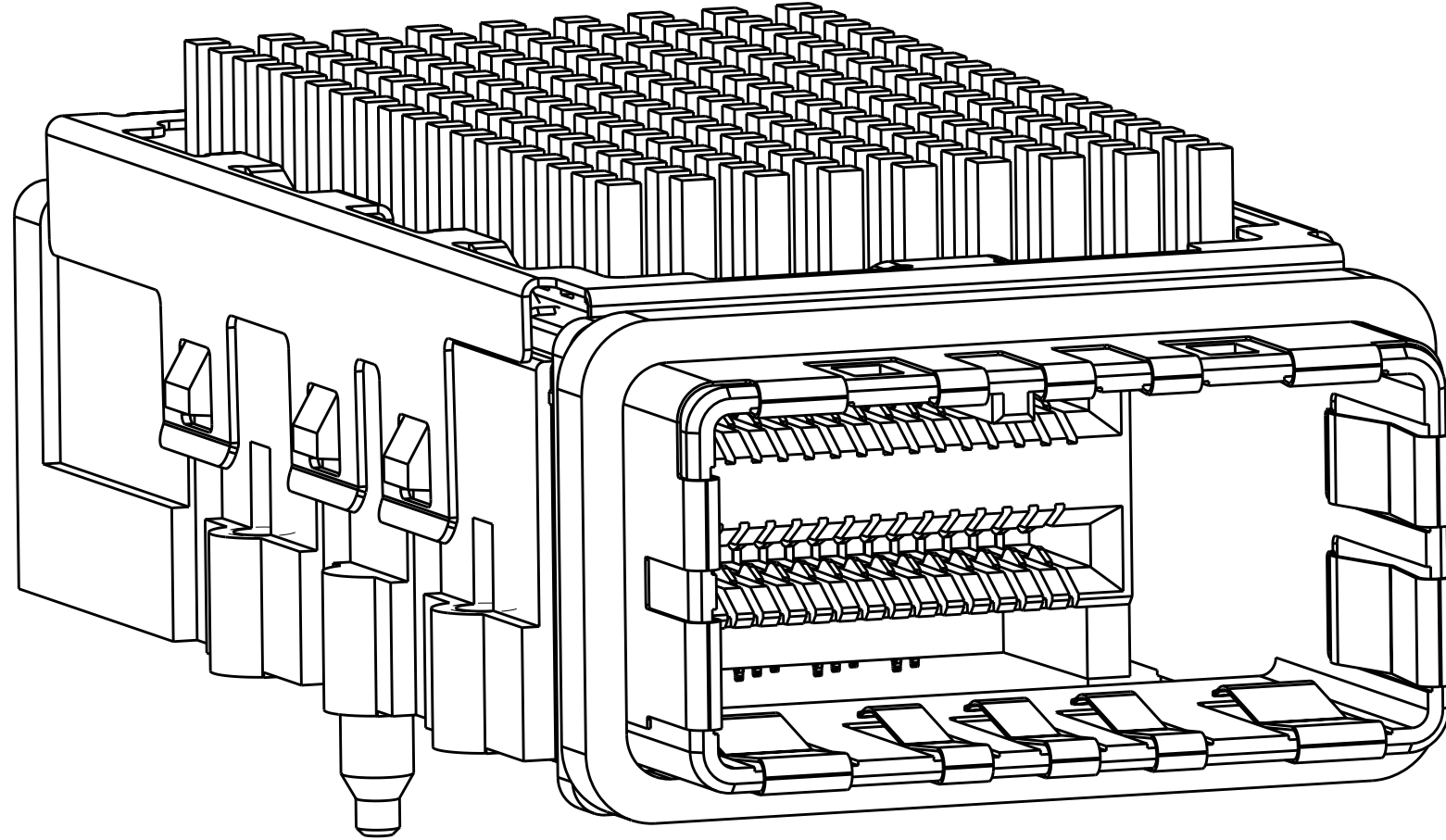
00

REVISIONS

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



2149157-1
SCALE 5:1

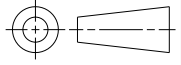


2149157-3
SCALE 5:1

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.

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	±
FINISH	

MATERIAL

SEE NOTES

DWN
M. E. COWHER
09 JUN 2010

CHK
M. D. MORRISON
10 JUN 2010

APVD
M. D. MORRISON
10 JUN 2010

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

NAME
RECEPTACLE ASSEMBLY WITH HEAT SINK, 84 POSITION, CXP

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A200779

©2149157

SCALE 1:1

SHEET 1 OF 5

REV 7

PRELIMINARY

STE

TE Connectivity

1471-9 (3/11)

Pro/ENGINEER DRAWING

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-

D

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

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

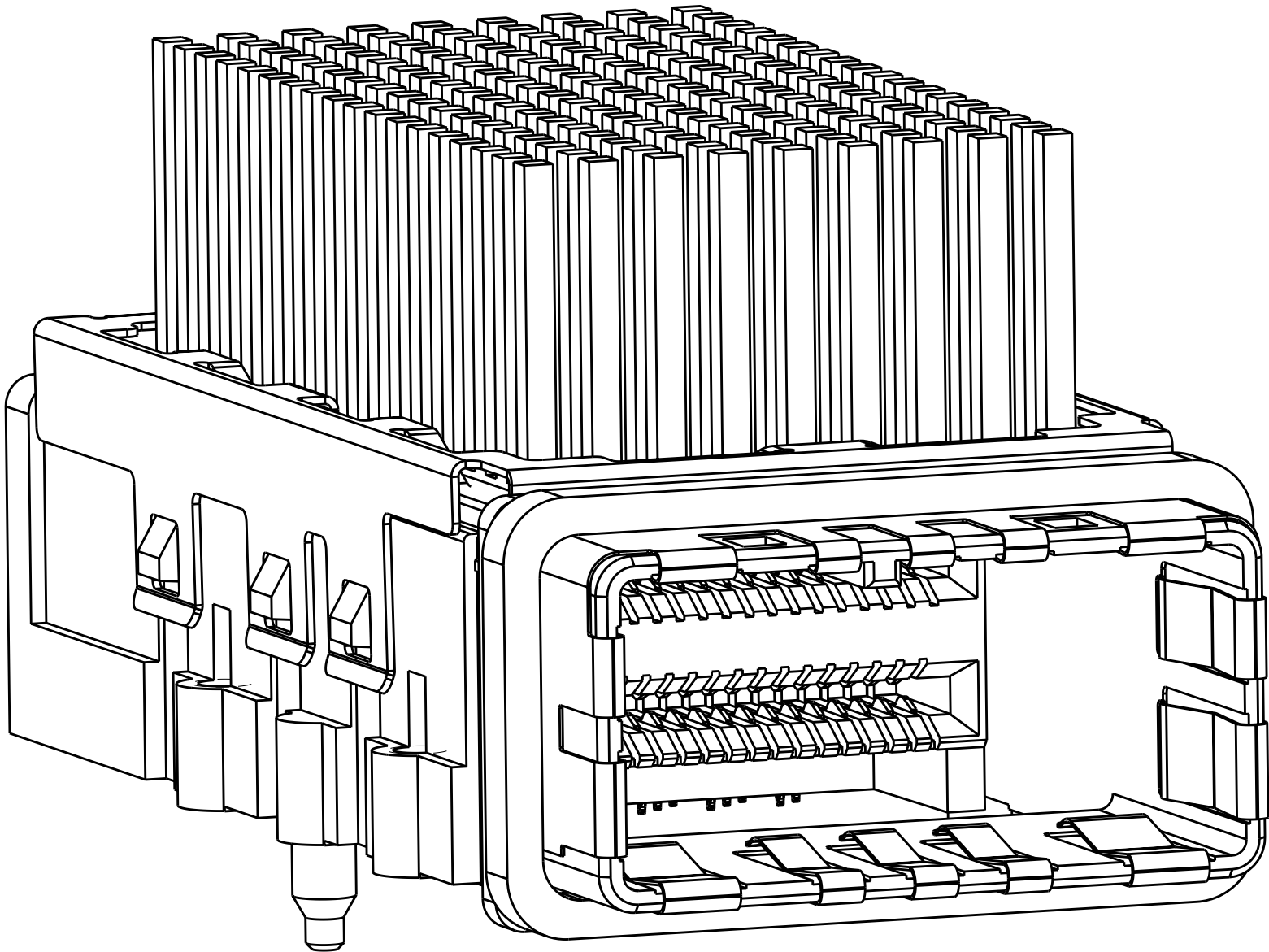
4. PCB THICKNESS = 1.57 MIN

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



2149157-5
SCALE 5:1

PRELIMINARY PART- NOT RELEASED FOR PRODUCTION

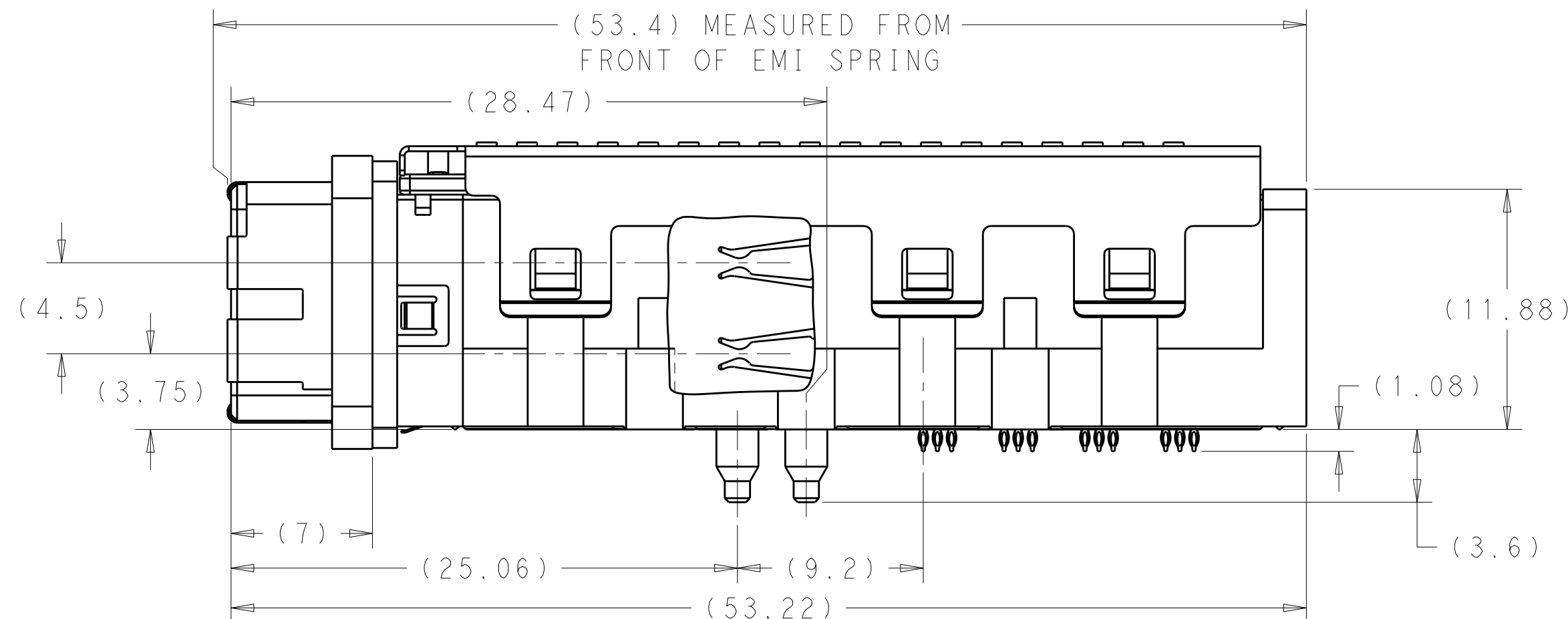
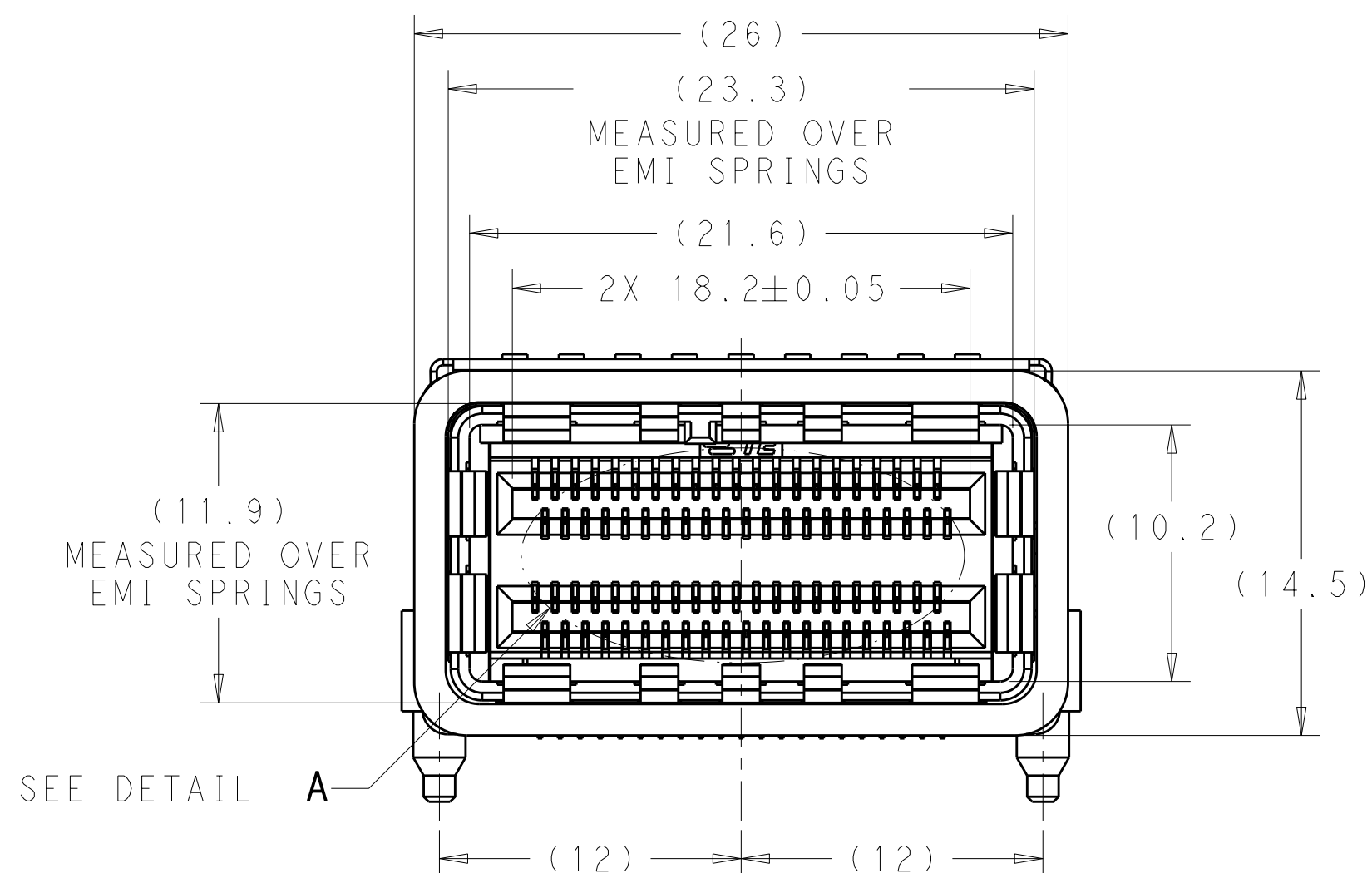
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 09 JUN 2010 M.E. COWHER	TE Connectivity			
DIMENSIONS:		CHK 10 JUN 2010 M.D. MORRISON				
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD 10 JUN 2010 M.D. MORRISON	NAME RECEPTACLE ASSEMBLY WITH HEAT SINK, 84 POSITION, CXP			
	0 PLC ±0.25	PRODUCT SPEC	SIZE			
	1 PLC ±0.25	-	CAGE CODE			
	2 PLC ±0.25	APPLICATION SPEC	DRAWING NO			
	3 PLC ±0.25	-	RESTRICTED TO			
MATERIAL	4 PLC ±0.25	WEIGHT	A200779			
	ANGLES ±	-	C-2149157			
SEE NOTES		CUSTOMER DRAWING	SCALE 1:1			
SEE TABLE			SHEET 2 OF 5			
			REV 7			

D

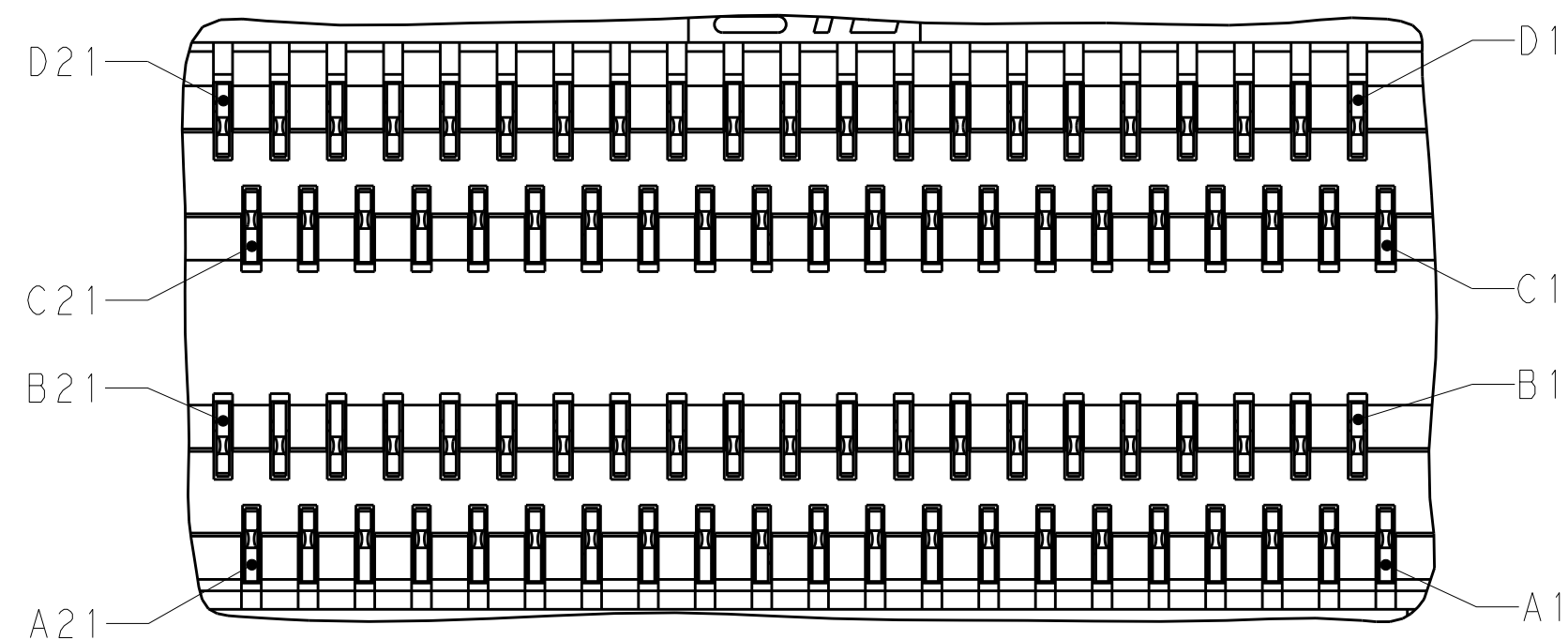
C

B

A

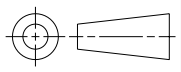


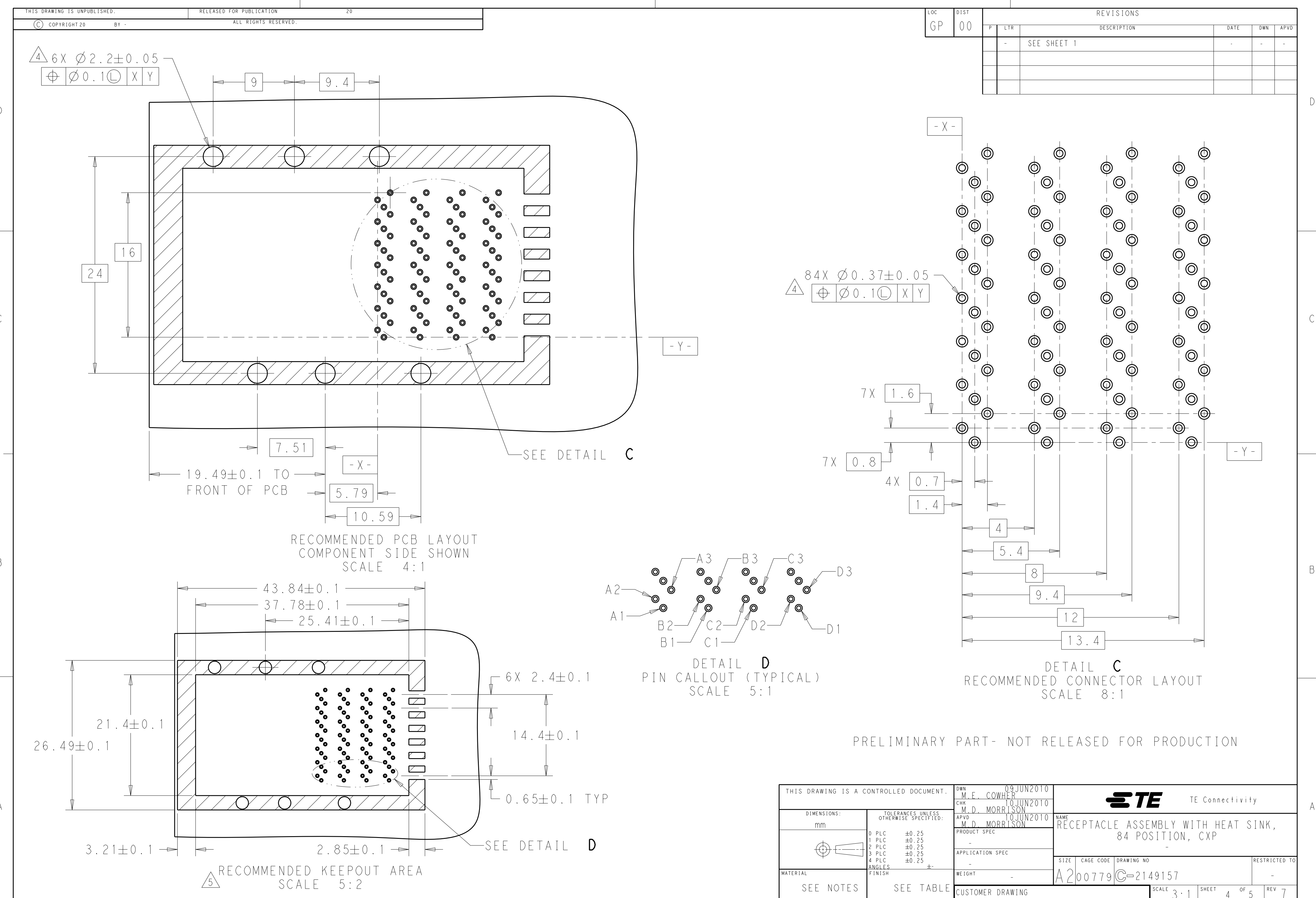
2149157-1
SCALE 4:1



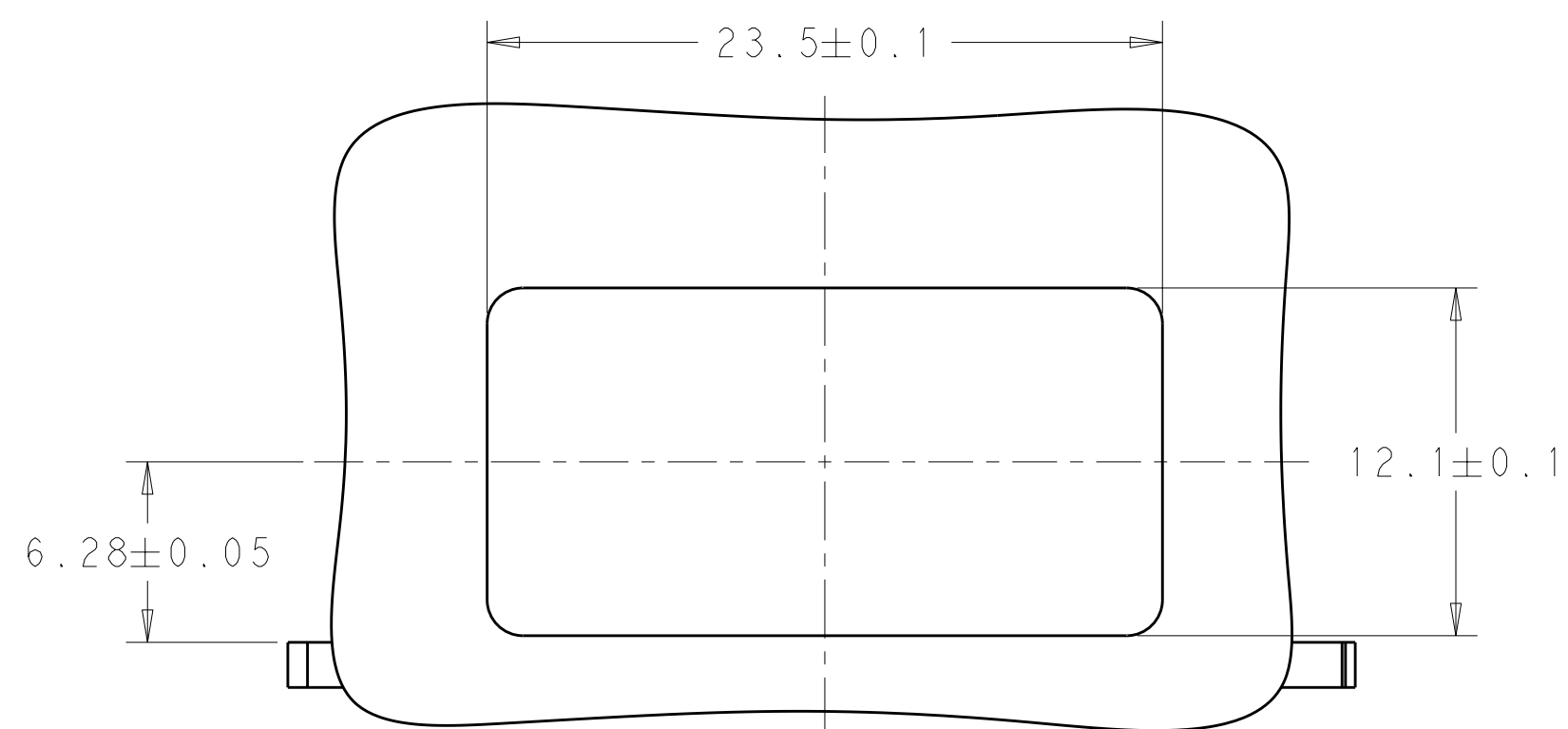
DETAIL A
CONNECTOR PIN CALLOUT
SCALE 10:1

PRELIMINARY PART- NOT RELEASED FOR PRODUCTION

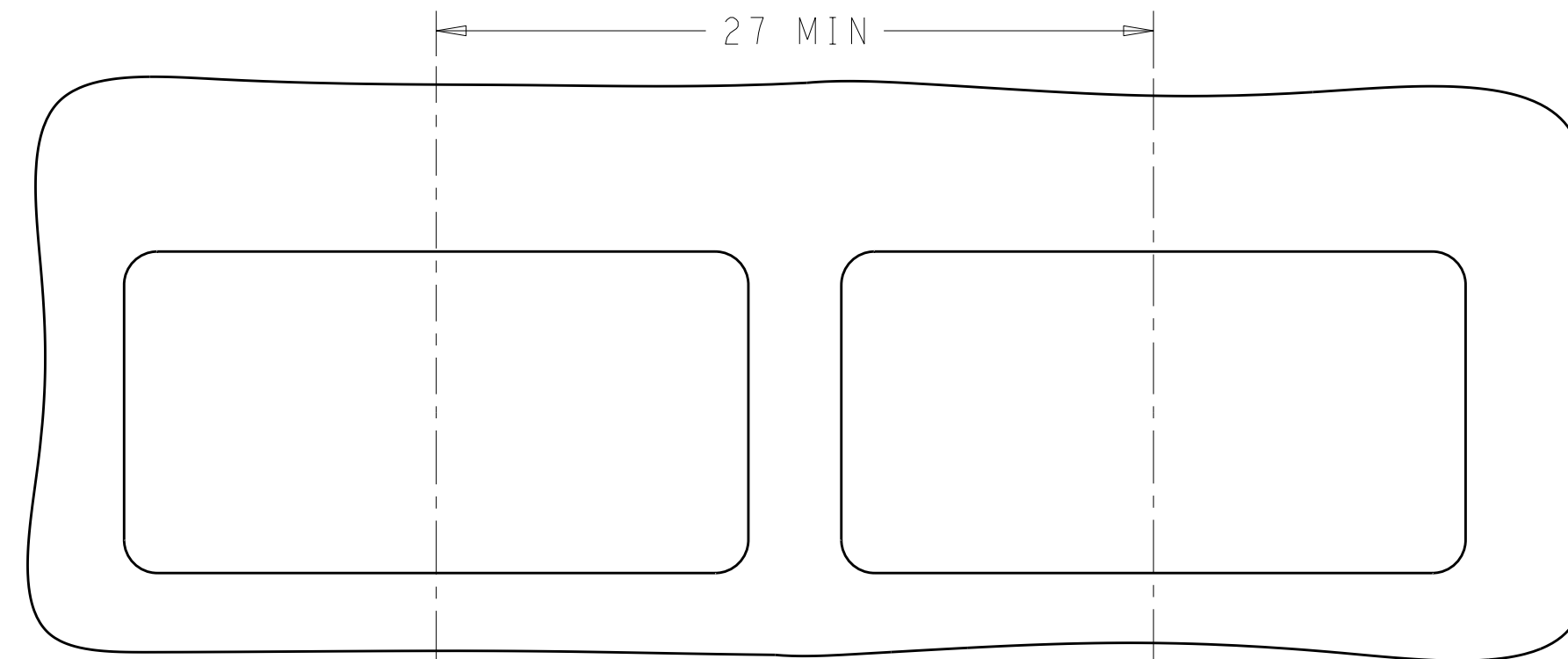
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. COWHER 09 JUN 2010	 TE Connectivity			
DIMENSIONS: mm		CHK M.D. MORRISON 10 JUN 2010				
		APVD M.D. MORRISON 10 JUN 2010	NAME RECEPTACLE ASSEMBLY WITH HEAT SINK, 84 POSITION, CXP			
		PRODUCT SPEC -	SIZE A200779			
MATERIAL SEE NOTES		APPLICATION SPEC -	CAGE CODE C-2149157		DRAWING NO -	RESTRICTED TO -
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 ± FINISH		WEIGHT -	SCALE 4:1		SHEET 3 OF 5	REV 7
SEE TABLE		CUSTOMER DRAWING				



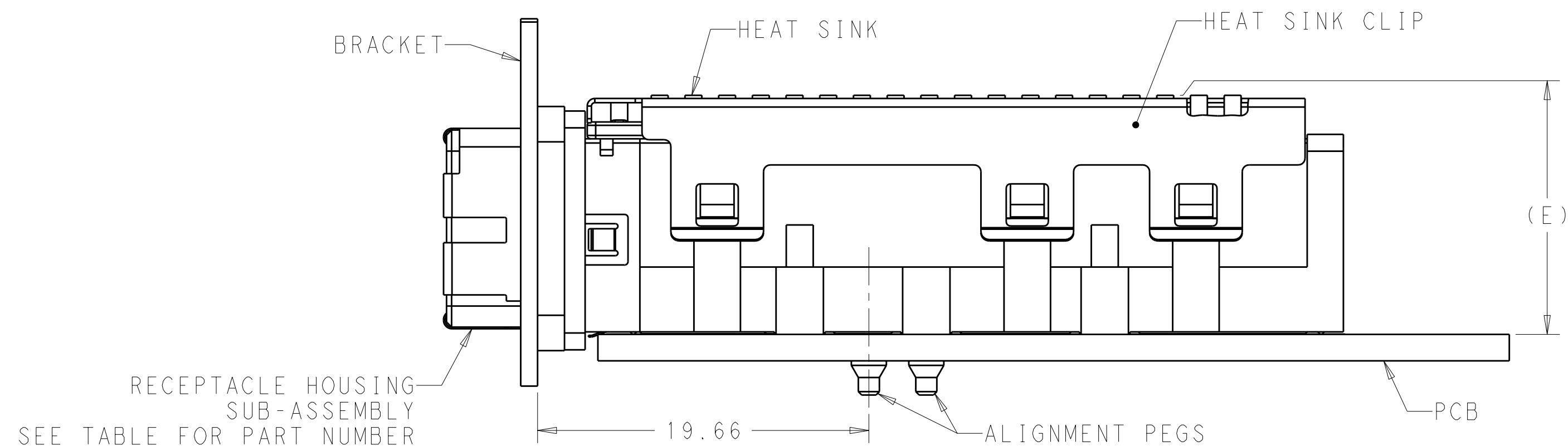
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-



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

PRELIMINARY PART- NOT RELEASED FOR PRODUCTION

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 09 JUN 2010 M.E. COWHER CHK 10 JUN 2010 M.D. MORRISON APVD 10 JUN 2010 M.D. MORRISON		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RECEPTACLE ASSEMBLY WITH HEAT SINK, 84 POSITION, CXP	
		PRODUCT SPEC -			
0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ±0.25 ANGLES ±.		APPLICATION SPEC -			
MATERIAL SEE NOTES		FINISH SEE TABLE		SIZE CAGE CODE DRAWING NO A2 00779 C-2149157	
		WEIGHT -		RESTRICTED TO -	
CUSTOMER DRAWING				SCALE 4:1 SHEET 5 OF 5 REV 7	