



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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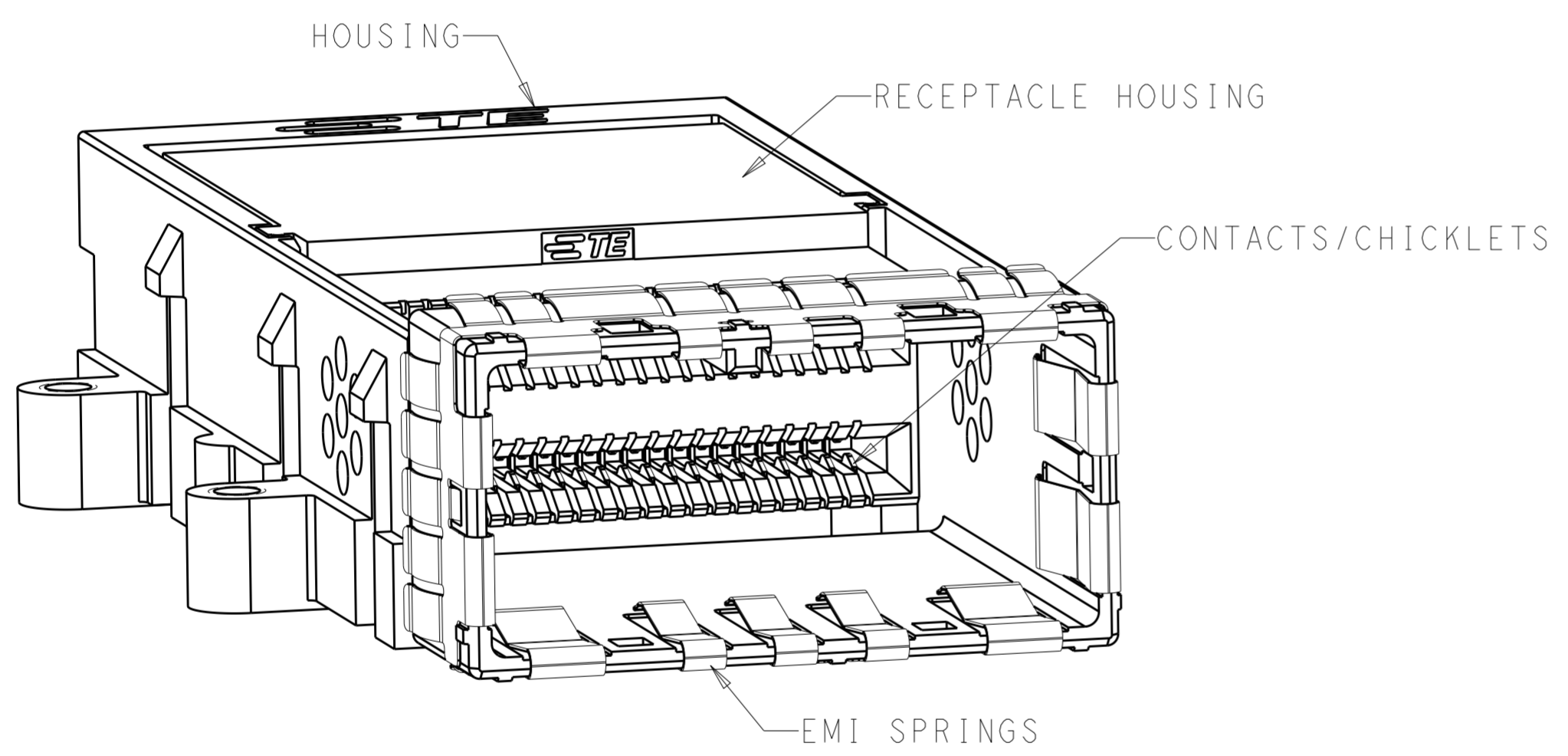
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		10		OBSOLETE 2149701-2	21SEP2011	MEC	MDM
		11		REVISED	11SEP2012	MEC	MDM

1. MATERIALS:
 HOUSING - NICKEL PLATED ZINC ALLOY PER ASTM B 240
 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
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. MOUNTING HARDWARE REQUIRED:
 M2X0.4 (4): MOUNTING SCREW LENGTH = BOARD THICKNESS + 8mm MAX
5. 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
6. PCB THICKNESS = 1.44 MIN



2149701-1
 SCALE 5:1

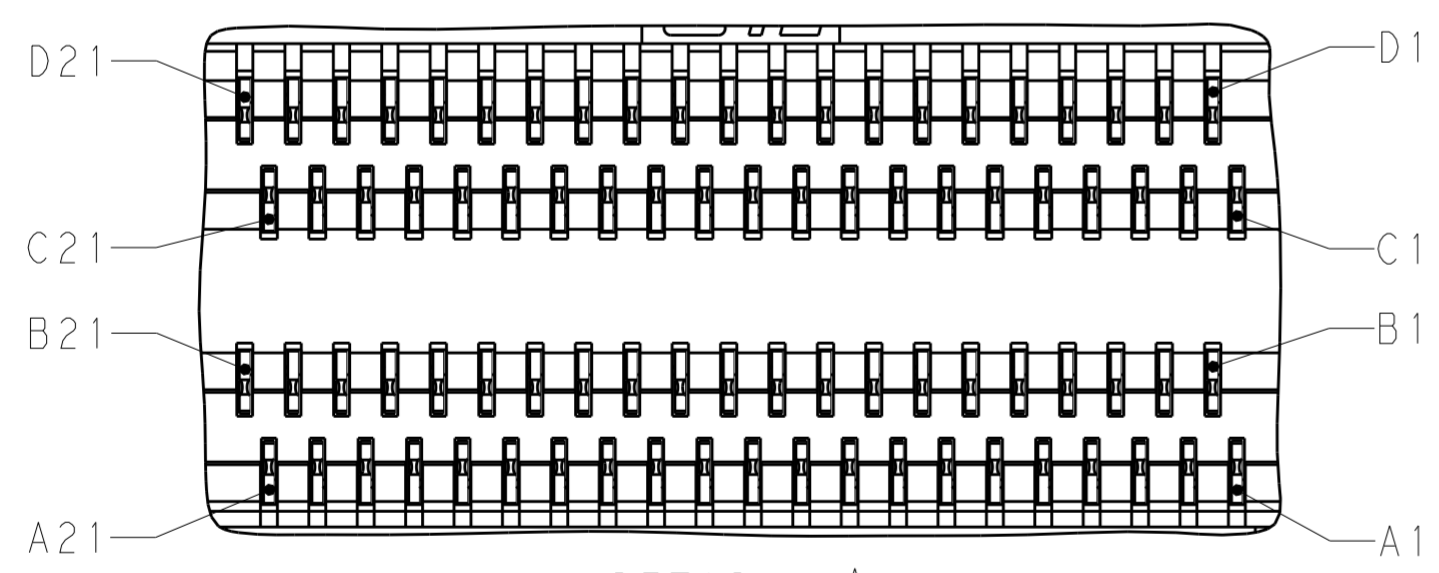
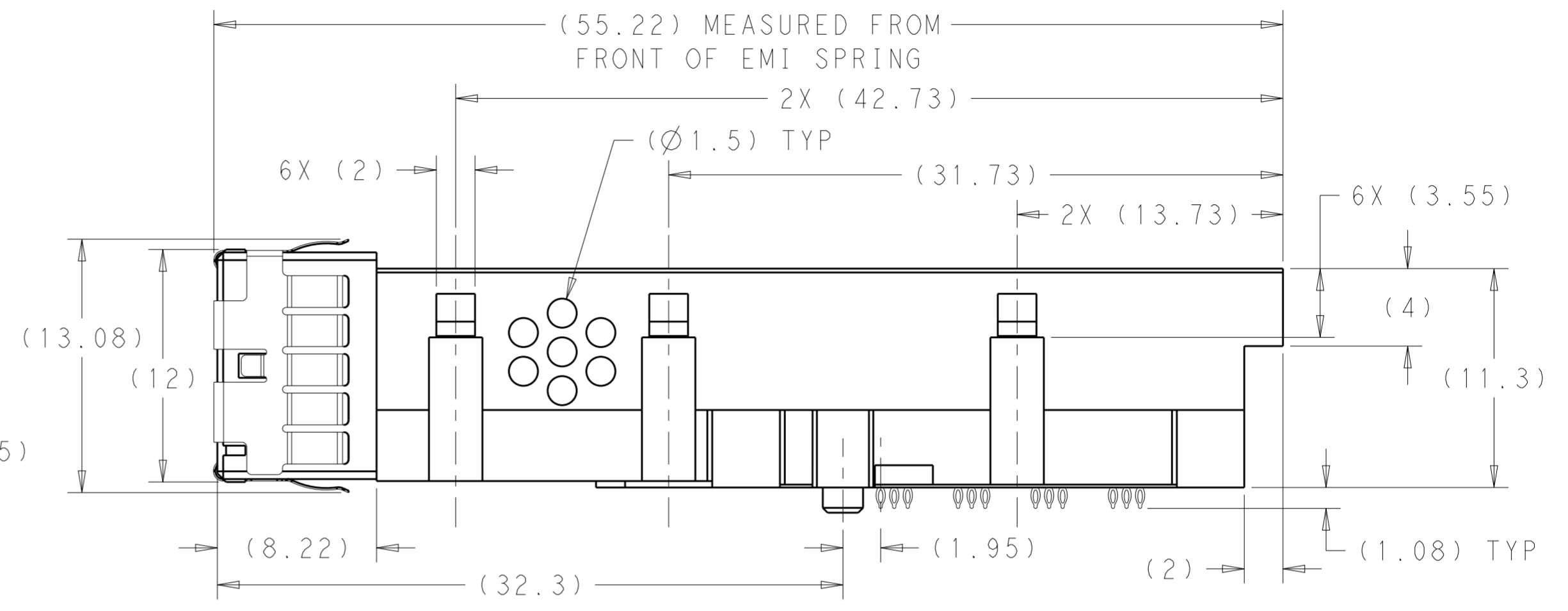
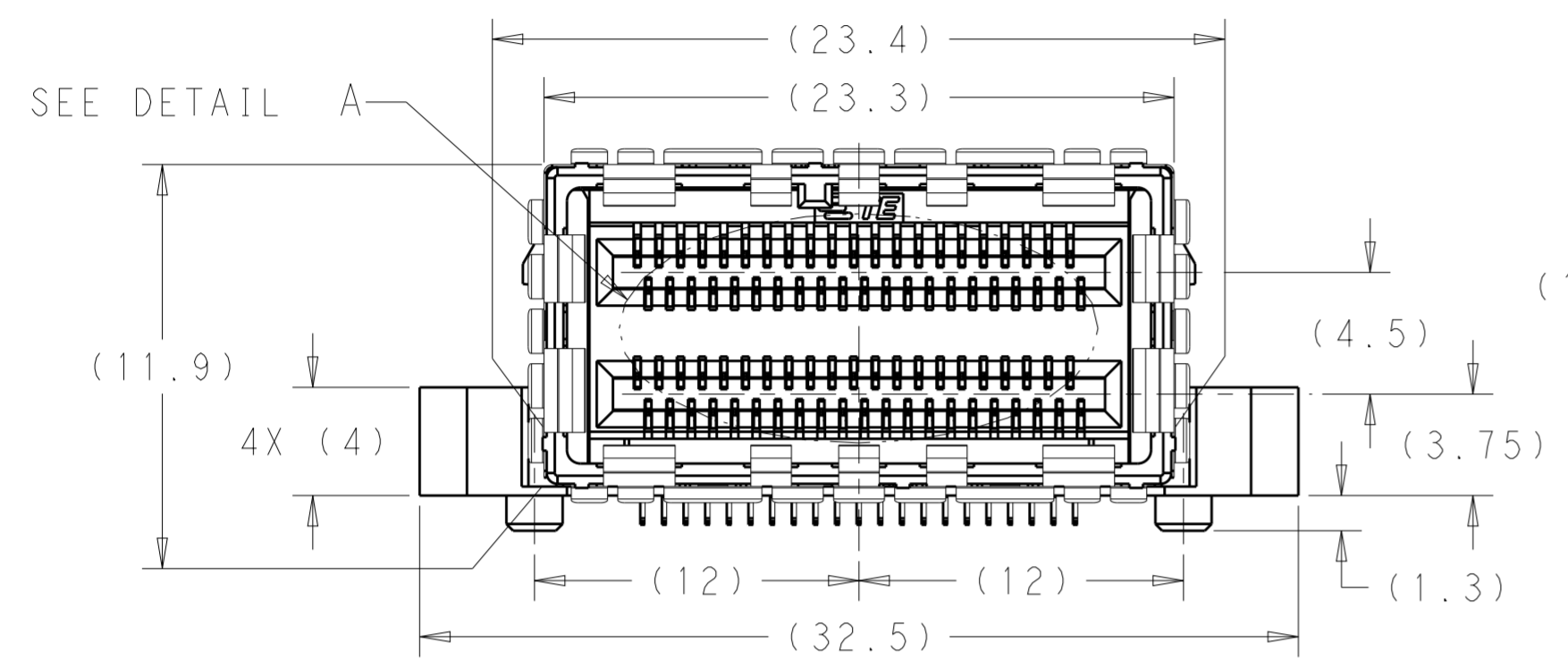
OBSOLETE	3	84 POSITION RECEPTACLE ASSEMBLY	2149701-2
	2	84 POSITION RECEPTACLE ASSEMBLY	2149701-1
	FINISH	DESCRIPTION	PART NUMBER

PRELIMINARY PART- NOT RELEASED FOR PRODUCTION

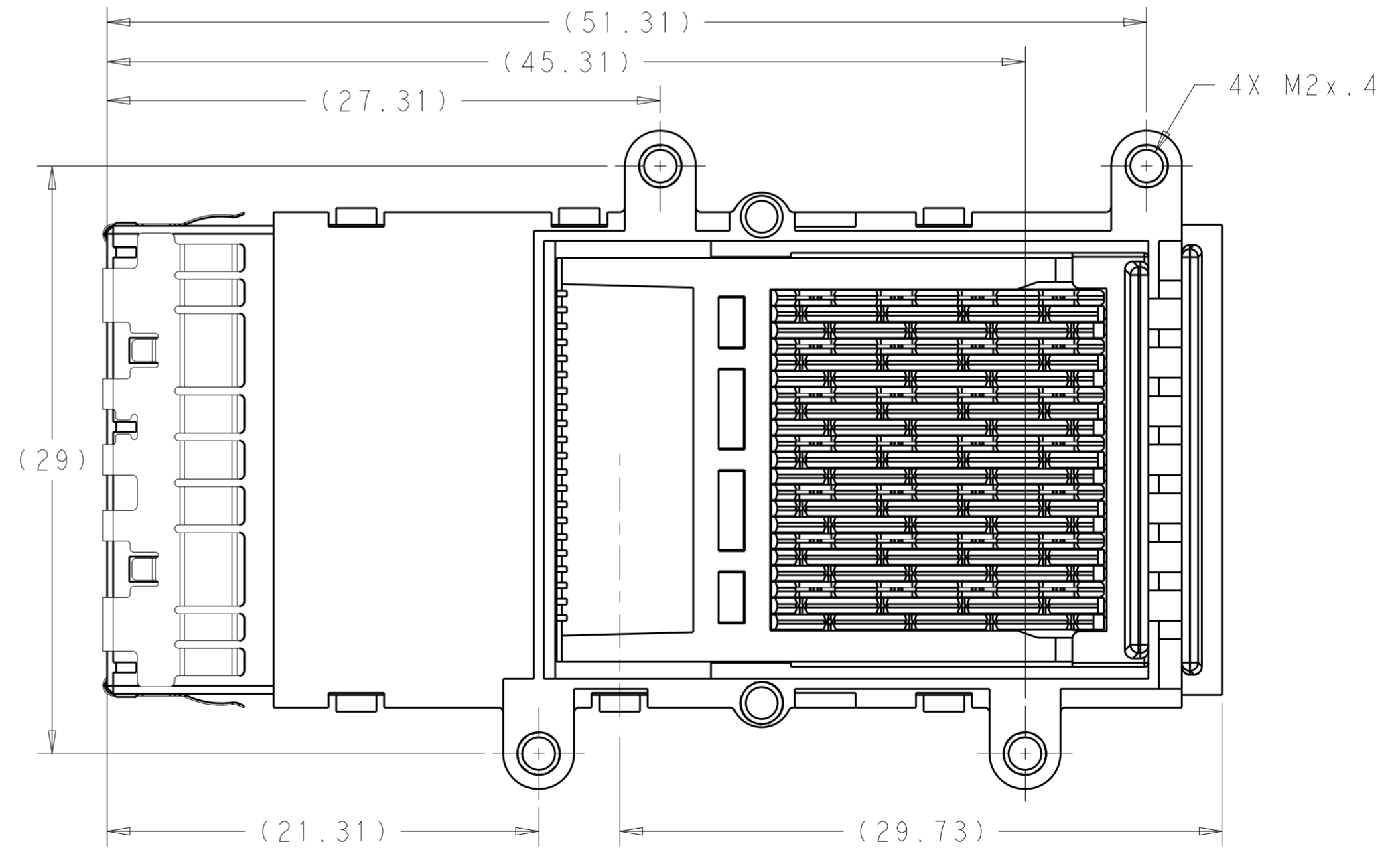
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	M. E. COWHERD	27SEP2010
DIMENSIONS:		CHK	M. D. MORRISON	28SEP2010
mm		APVD	M. D. MORRISON	28SEP2010
TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		
0 PLC	±0.2	M. D. MORRISON		
1 PLC	±0.1	PRODUCT SPEC		
2 PLC	±0.05	APPLICATION SPEC		
3 PLC	±	SIZE		
4 PLC	±	CAGE CODE		
ANGLES	±1°	DRAWING NO		
FINISH		RESTRICTED TO		
MATERIAL		A200779		
SEE NOTES	SEE NOTES	C-2149701		
CUSTOMER DRAWING		SCALE 1:1 SHEET 1 OF 4 REV 11		

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



DETAIL A
 RECOMMENDED PIN CALLOUT
 SCALE 8:1



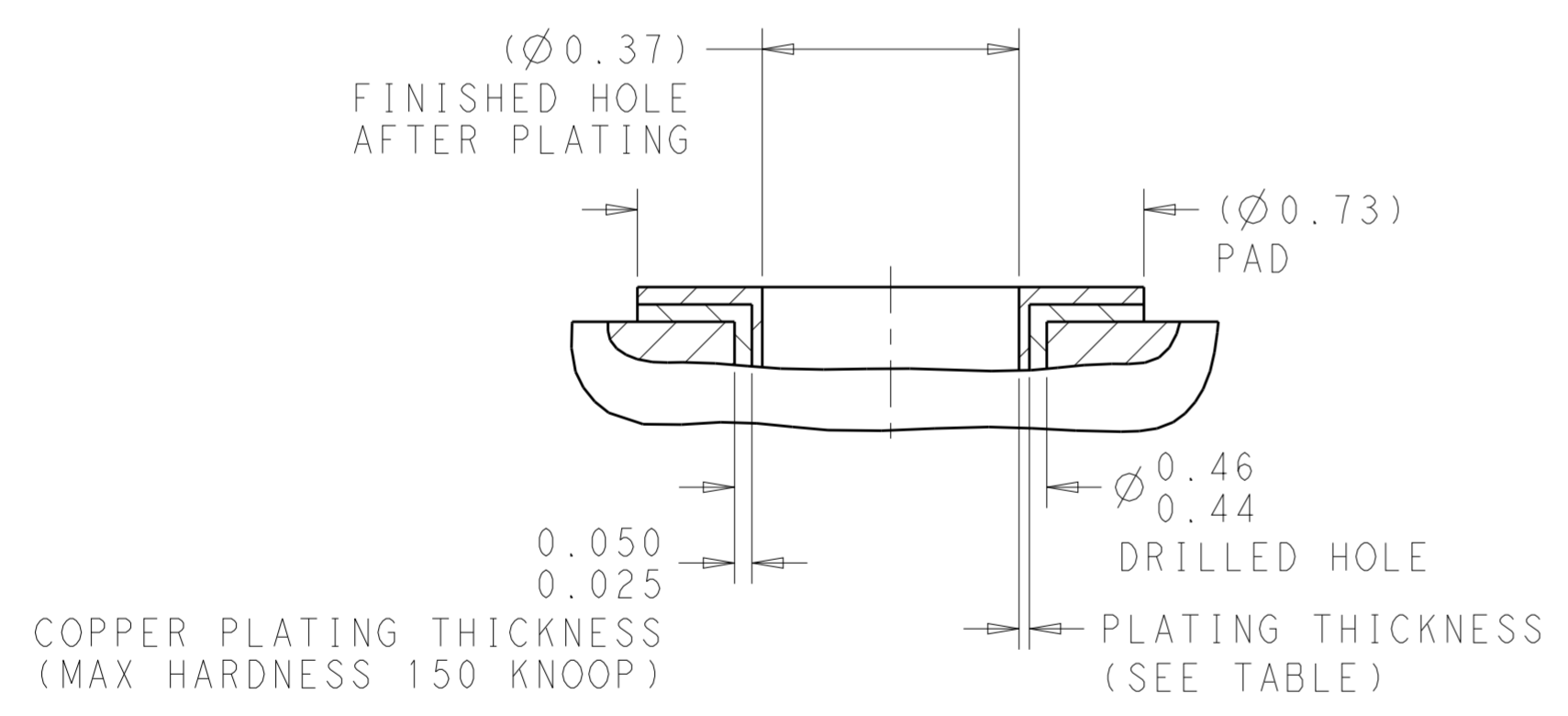
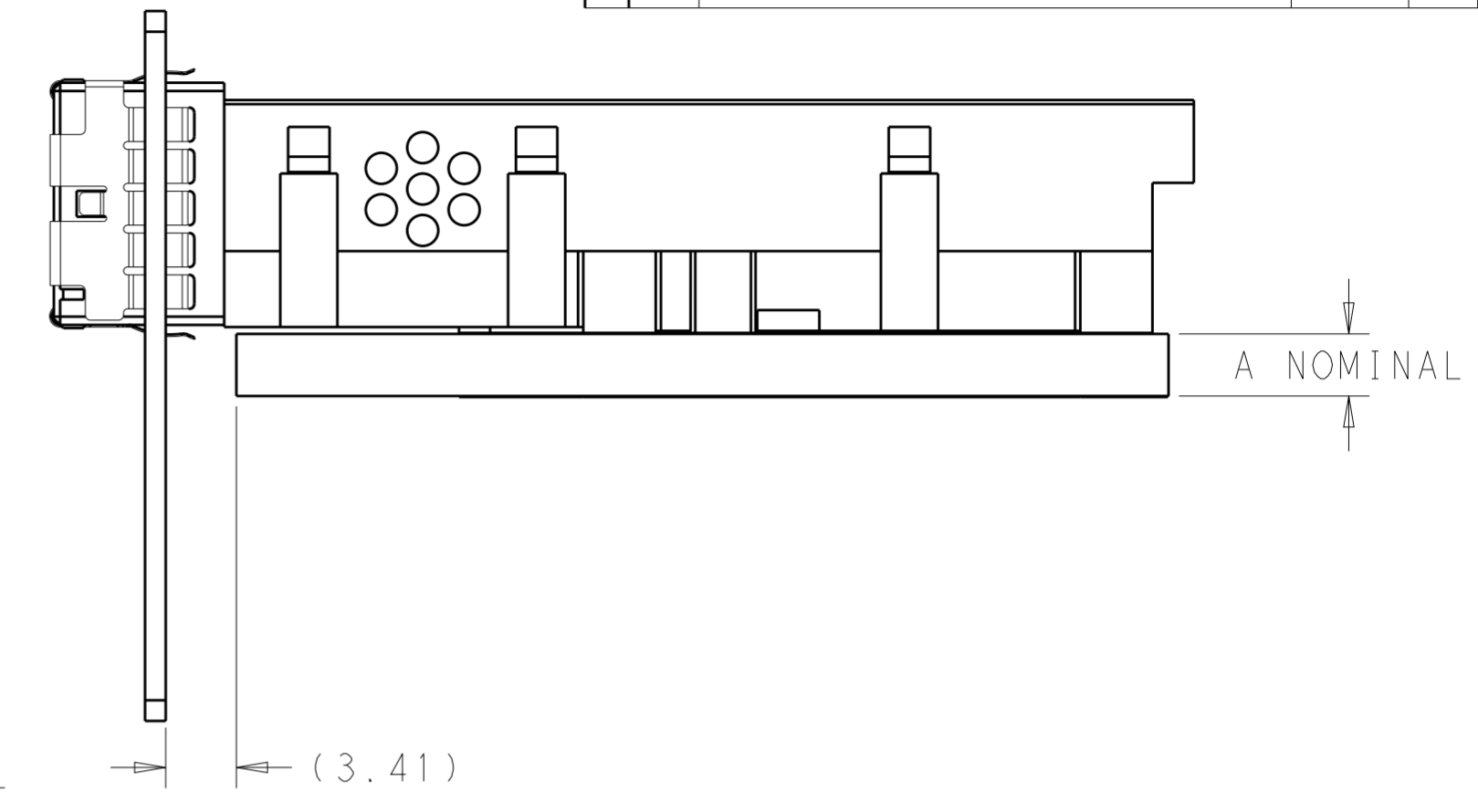
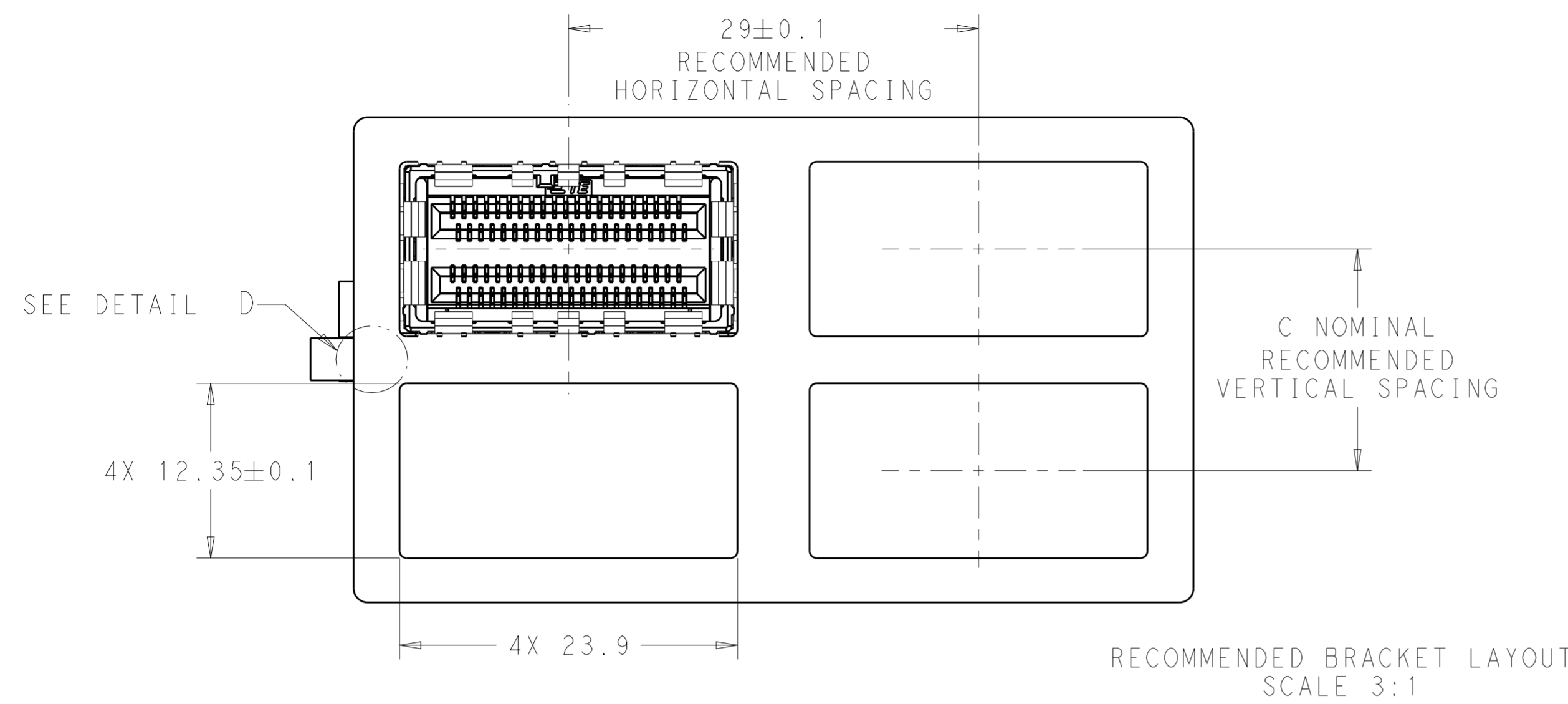
2149701-1
 SCALE 4:1

PRELIMINARY PART- NOT RELEASED FOR PRODUCTION

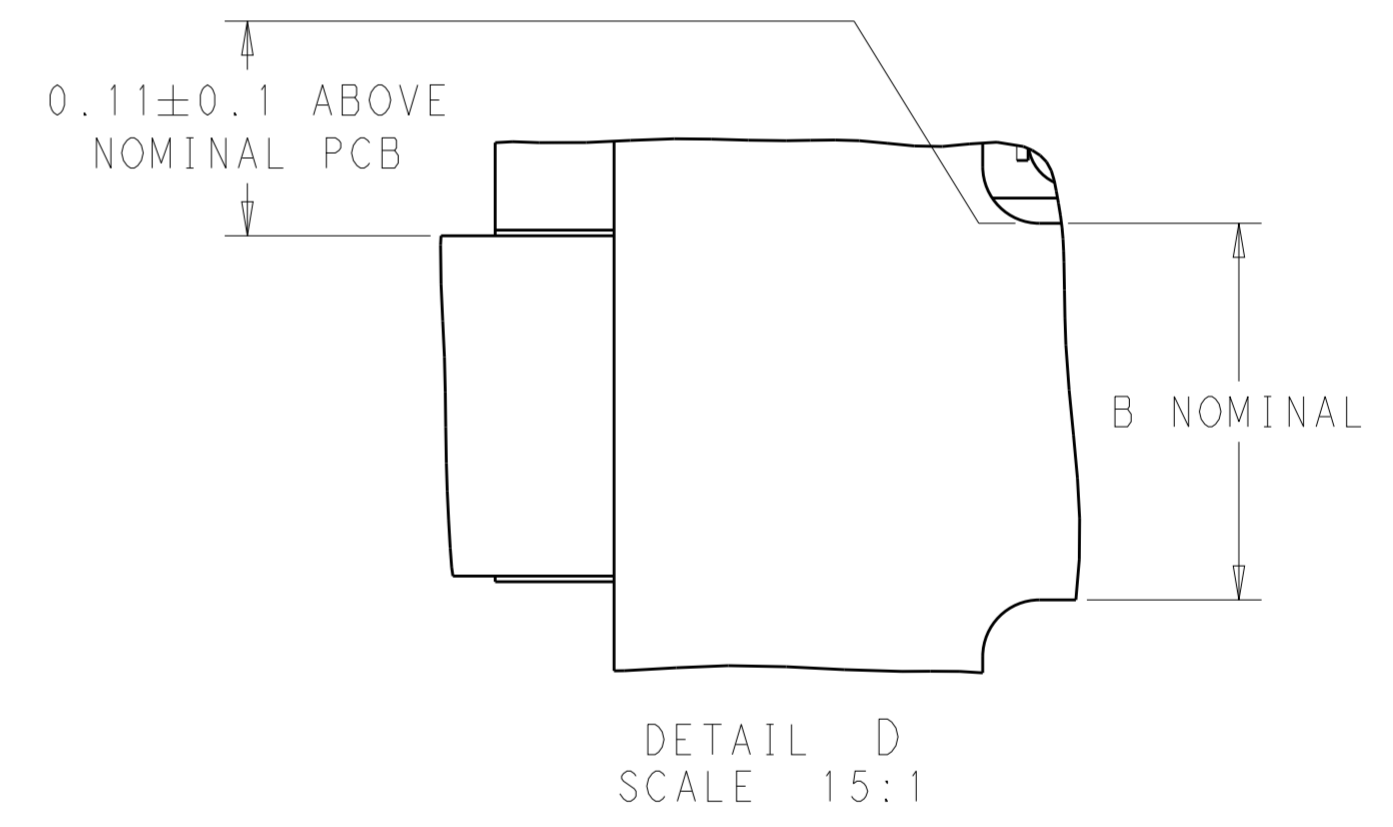
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. E. COWHER 27SEP2010	 TE Connectivity	NAME RECEPTACLE ASSEMBLY, BELLY-BELLY, STANDARD, 84 POSITION, CXP		
DIMENSIONS: mm		CHK M. D. MORRISON 28SEP2010		SIZE	CAGE CODE	DRAWING NO
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.2 1 PLC ±0.1 2 PLC ±0.05 3 PLC ± 4 PLC ± ANGLES ±1° FINISH		APVD M. D. MORRISON 28SEP2010		A200779		C-2149701
MATERIAL SEE NOTES		PRODUCT SPEC APPLICATION SPEC WEIGHT		RESTRICTED TO		SCALE 1:1 SHEET 2 OF 4 REV 11

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		-		SEE SHEET 1			



RECOMMENDED HOLE DIMENSIONS FOR SIGNAL CONTACTS
SCALE 100:1



PRELIMINARY PART- NOT RELEASED FOR PRODUCTION

PLATING THICKNESS	TYPE OF PLATING
0.004-0.01	HOT AIR SOLDER LEVELING (HASL) TIN-LEAD
0.0005-0.002	IMMERSION TIN
0.0002-0.0005	ORGANIC SOLDERABILITY PRESERVATIVE (OSP)
0.0001-0.0005 Au, 0.004-0.0076 Ni	IMMERSION GOLD OVER NICKEL (ENIG)
0.0001-0.0005	IMMERSION SILVER

12.57+A	0.22+A	PCB THICKNESS
C	B	A

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DWN: M.E. COWHER 27SEP2010
 CHK: M.D. MORRISON 28SEP2010
 APVD: M.D. MORRISON 28SEP2010

STE TE Connectivity

NAME: RECEPTACLE ASSEMBLY, BELLY-BELLY, STANDARD, 84 POSITION, CXP

SIZE: A2 CAGE CODE: 210779 DRAWING NO: C-2149701 RESTRICTED TO: -

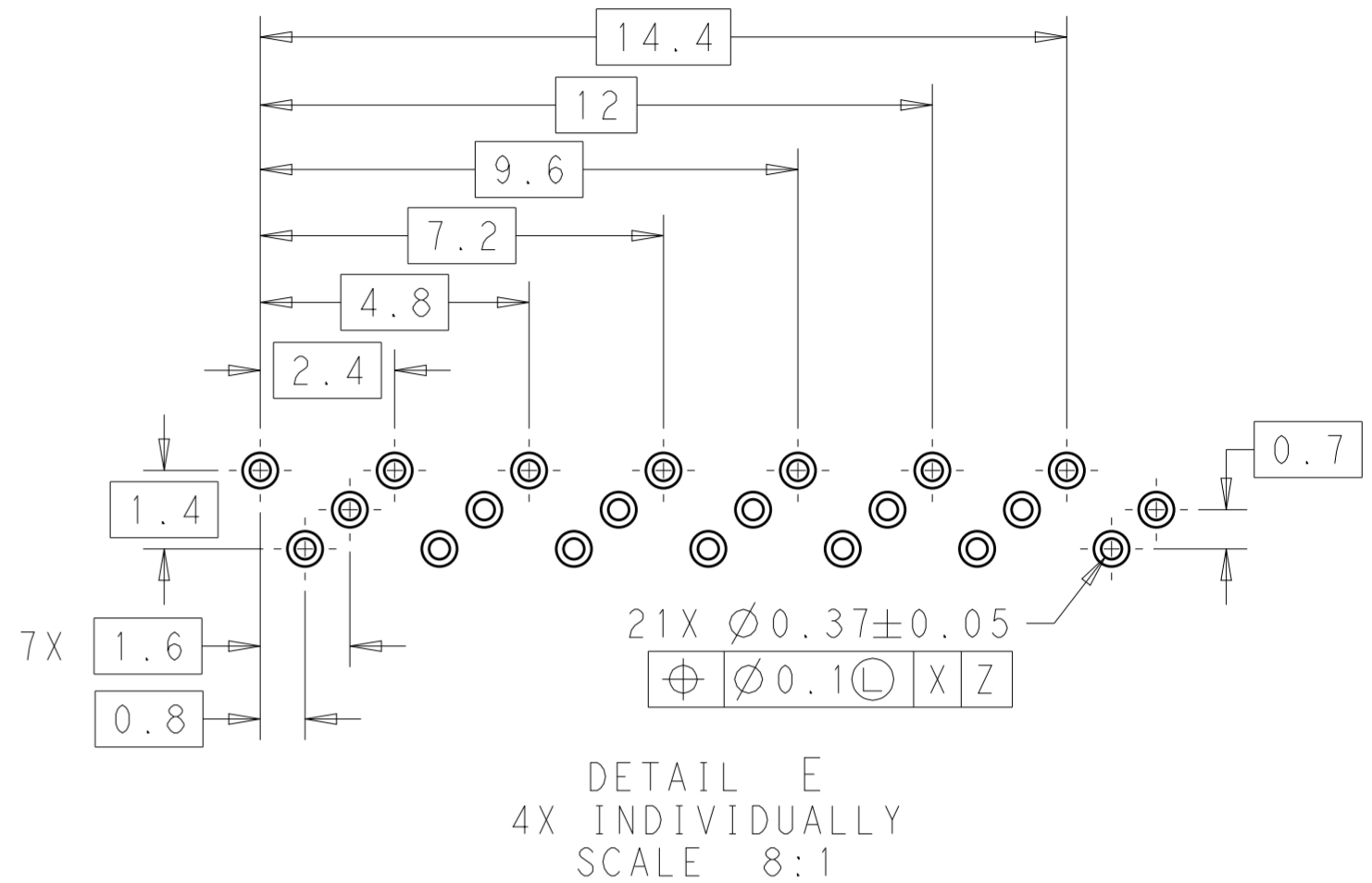
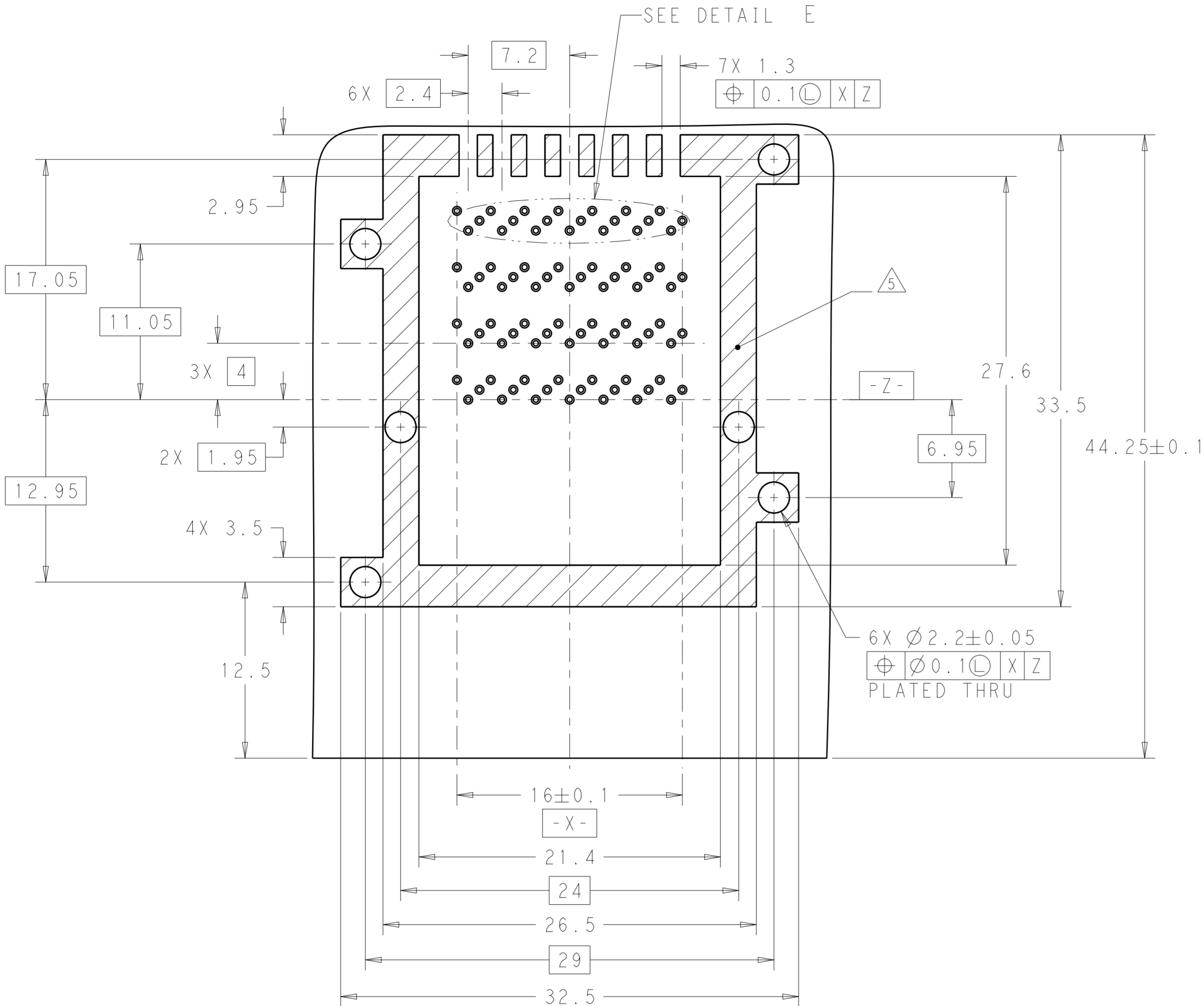
MATERIAL: SEE NOTES DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.2, 1 PLC ±0.1, 2 PLC ±0.05, 3 PLC ±, 4 PLC ±, ANGLES ±1° FINISH: SEE NOTES

PRODUCT SPEC: - APPLICATION SPEC: - WEIGHT: -

CUSTOMER DRAWING SCALE 1:1 SHEET 3 OF 4 REV 11

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



RECOMMENDED PCB LAYOUT
 COMPONENT SIDE SHOWN
 SCALE 4:1

PRELIMINARY PART- NOT RELEASED FOR PRODUCTION

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. E. COWHER 27SEP2010	TE Connectivity	
DIMENSIONS: mm		CHK M. D. MORRISON 28SEP2010		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. D. MORRISON 28SEP2010	NAME RECEPTACLE ASSEMBLY, BELLY-BELLY, STANDARD, 84 POSITION, CXP	
0 PLC ±0.2 1 PLC ±0.1 2 PLC ±0.05 3 PLC ± 4 PLC ± ANGLES ±1° FINISH		PRODUCT SPEC - APPLICATION SPEC -	SIZE A200779	DRAWING NO C-2149701
MATERIAL SEE NOTES		WEIGHT -	RESTRICTED TO -	SCALE 1:1 SHEET 4 OF 4 REV 11
CUSTOMER DRAWING				