



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!



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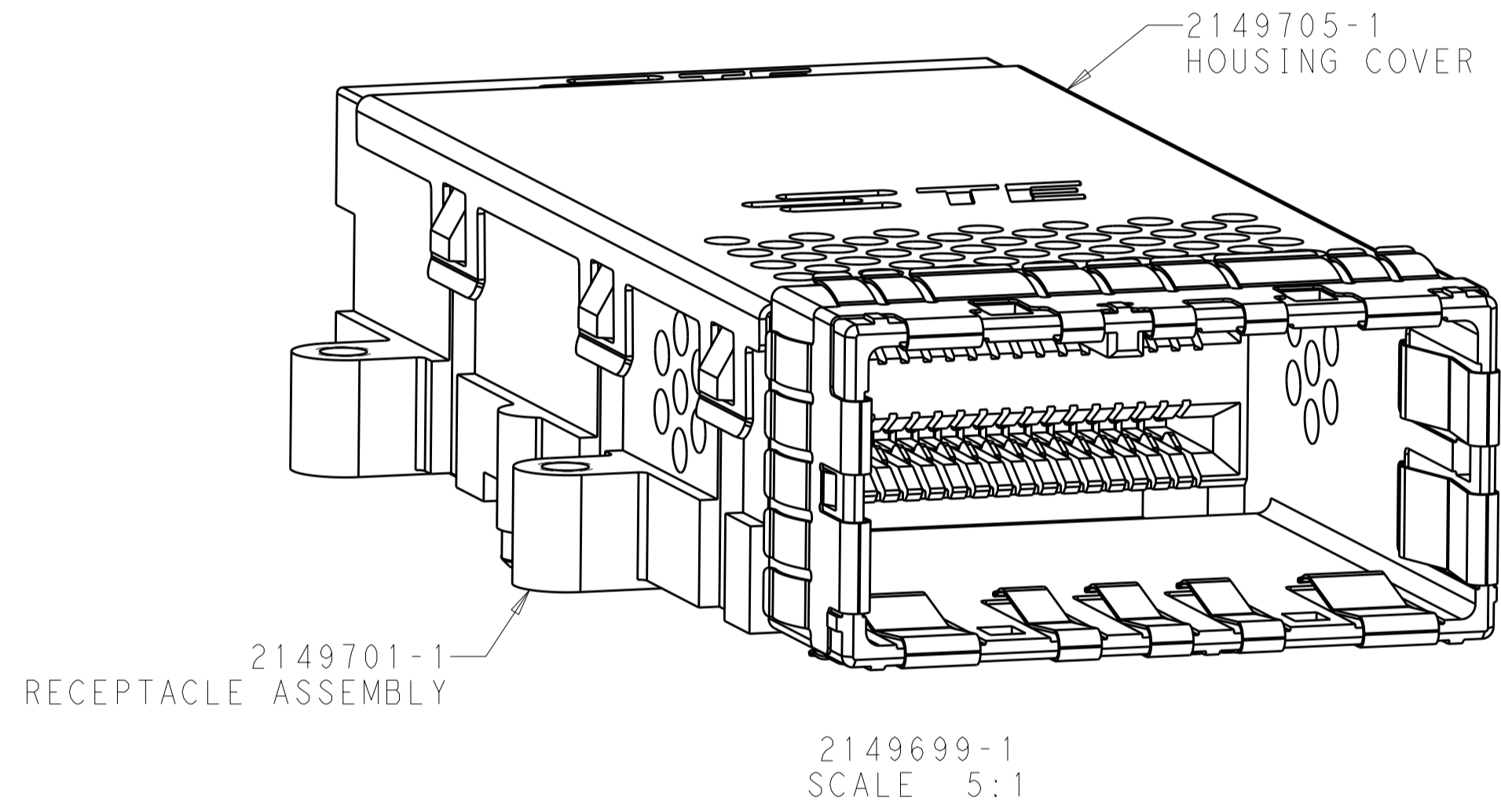
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	8	REVISED	21OCT2011	MEC MDM

1. PARTS PACKAGED UNASSEMBLED
2. PCB THICKNESS = 1.44 MIN
3. 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
4. MOUNTING HARDWARE REQUIRED:
M2X0.4 (4): MOUNTING SCREW LENGTH = BOARD THICKNESS + 8mm MAX
5. 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
6. 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
7. NOTE DELETED



2149699-1
SCALE 5:1

OBSELETE	2149701-2	7	84 POSITION RECEPTACLE ASSEMBLY WITH COVER	2149699-2
	2149701-1	6	84 POSITION RECEPTACLE ASSEMBLY WITH COVER	2149699-1
	84 POSITION RECEPTACLE ASSEMBLY	FINISH	DESCRIPTION	PART NUMBER

PRELIMINARY PART- NOT RELEASED FOR PRODUCTION

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DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN	22SEP2010
mm	0 PLC ±0.2	CHK	M.E. COWHER
	1 PLC ±0.1	CHK	M.D. MORRISON
	2 PLC ±0.05	APVD	M.D. MORRISON
	3 PLC ±	APVD	M.D. MORRISON
	4 PLC ±	NAME	M.D. MORRISON
	ANGLES ±1°	PRODUCT SPEC	
	FINISH	APPLICATION SPEC	
MATERIAL		WEIGHT	
		CUSTOMER DRAWING	

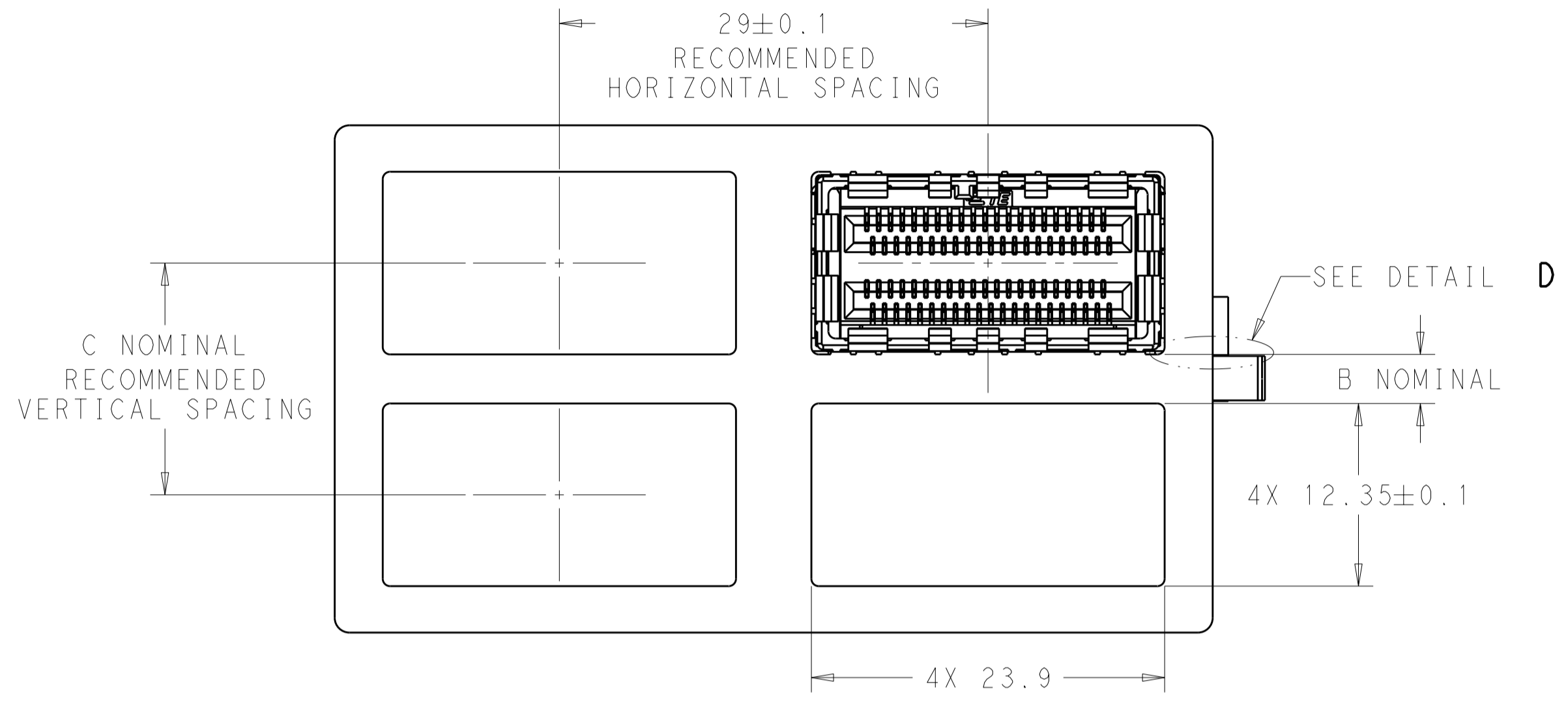
STE TE Connectivity

PRELIMINARY

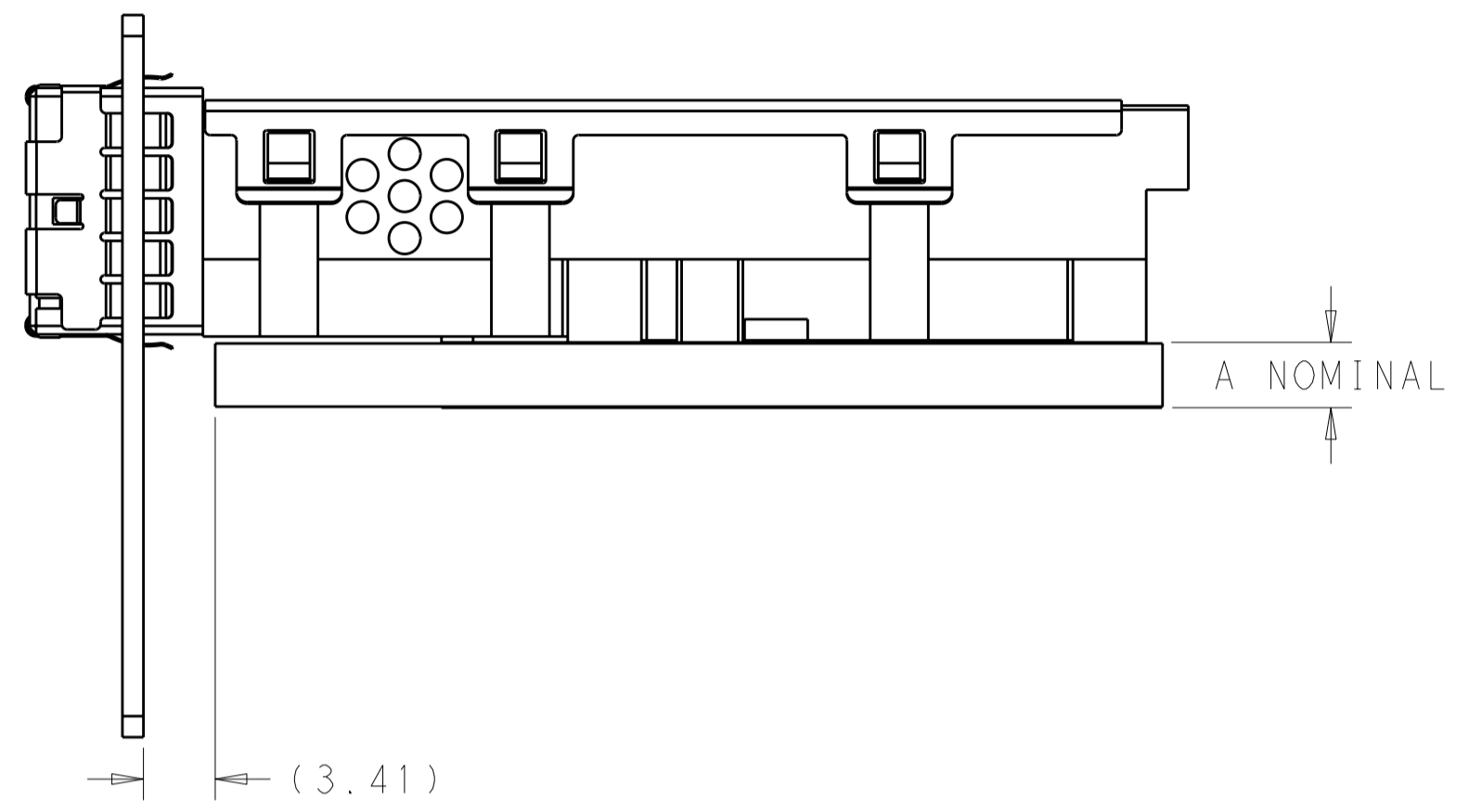
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2149699	-
SCALE	1:1	SHEET	1 OF 3
REV	8		

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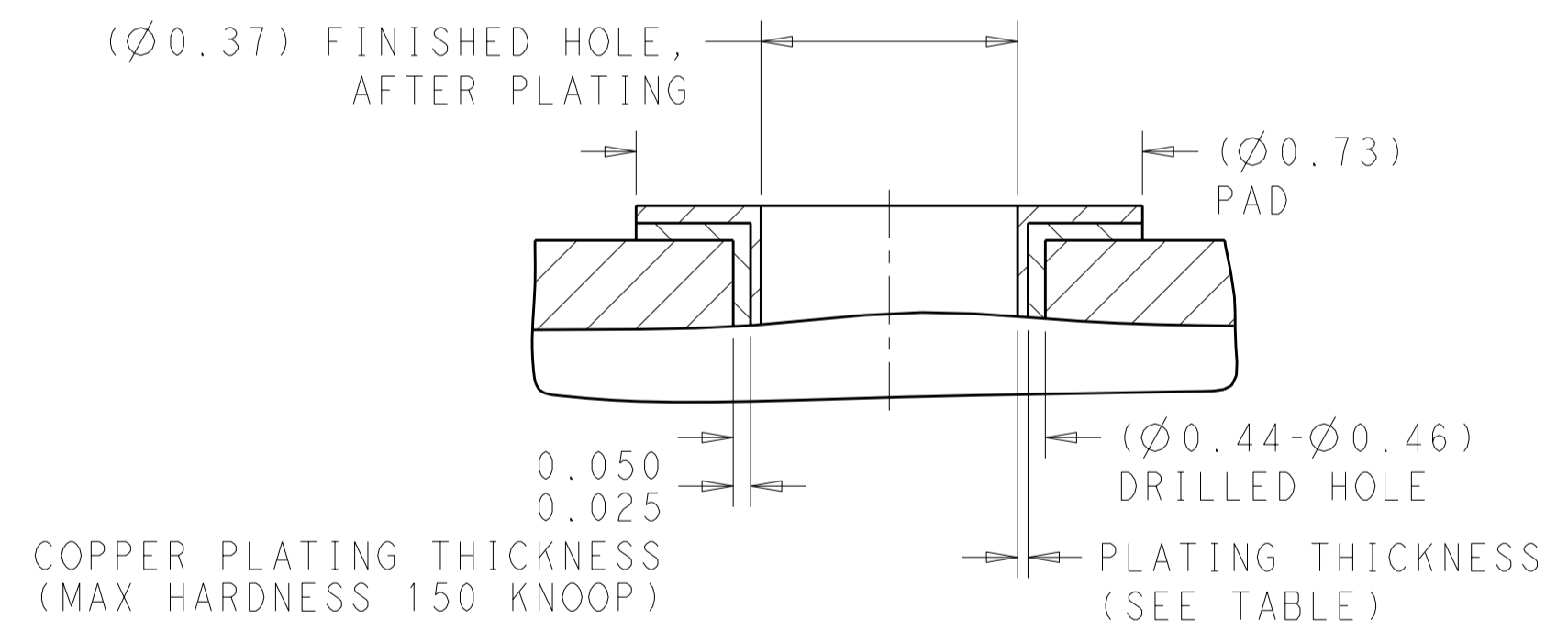
LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	-	SEE SHEET 1	-	-



RECOMMENDED BRACKET LAYOUT
SCALE 3:1

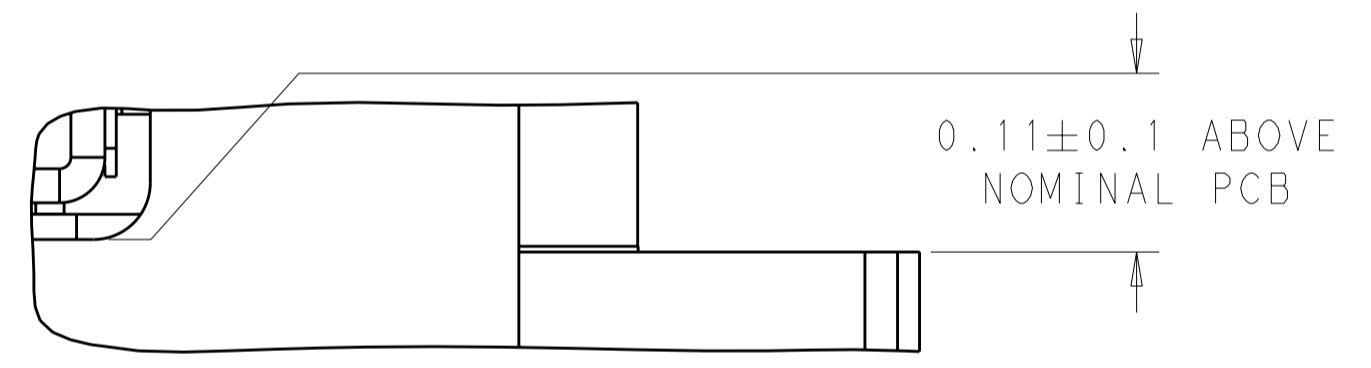


DETAIL D
SCALE 15:1



RECOMMENDED HOLE DIMENSIONS FOR SIGNAL CONTACTS
SCALE 100:1

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



PRELIMINARY PART- NOT RELEASED FOR PRODUCTION

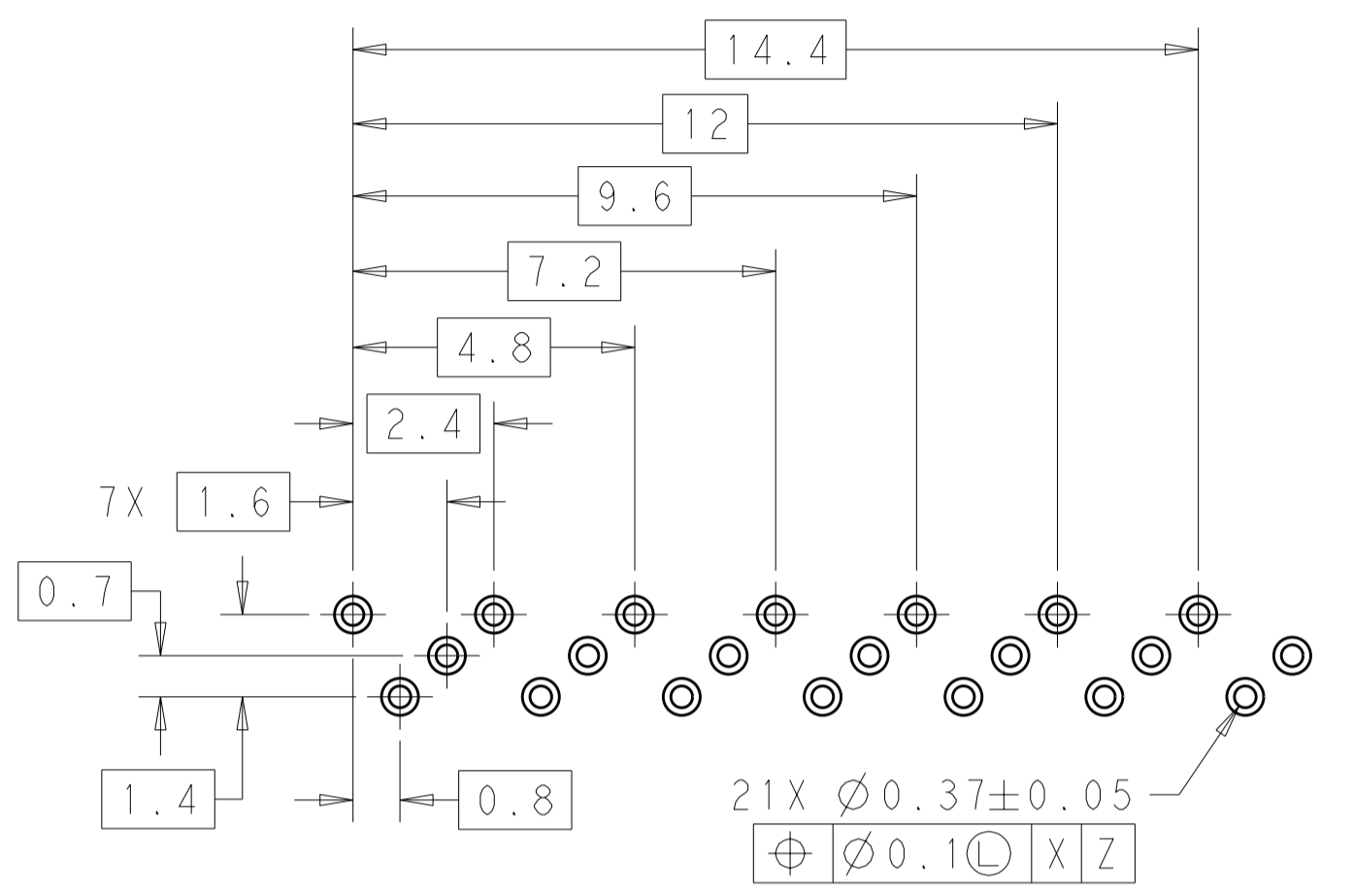
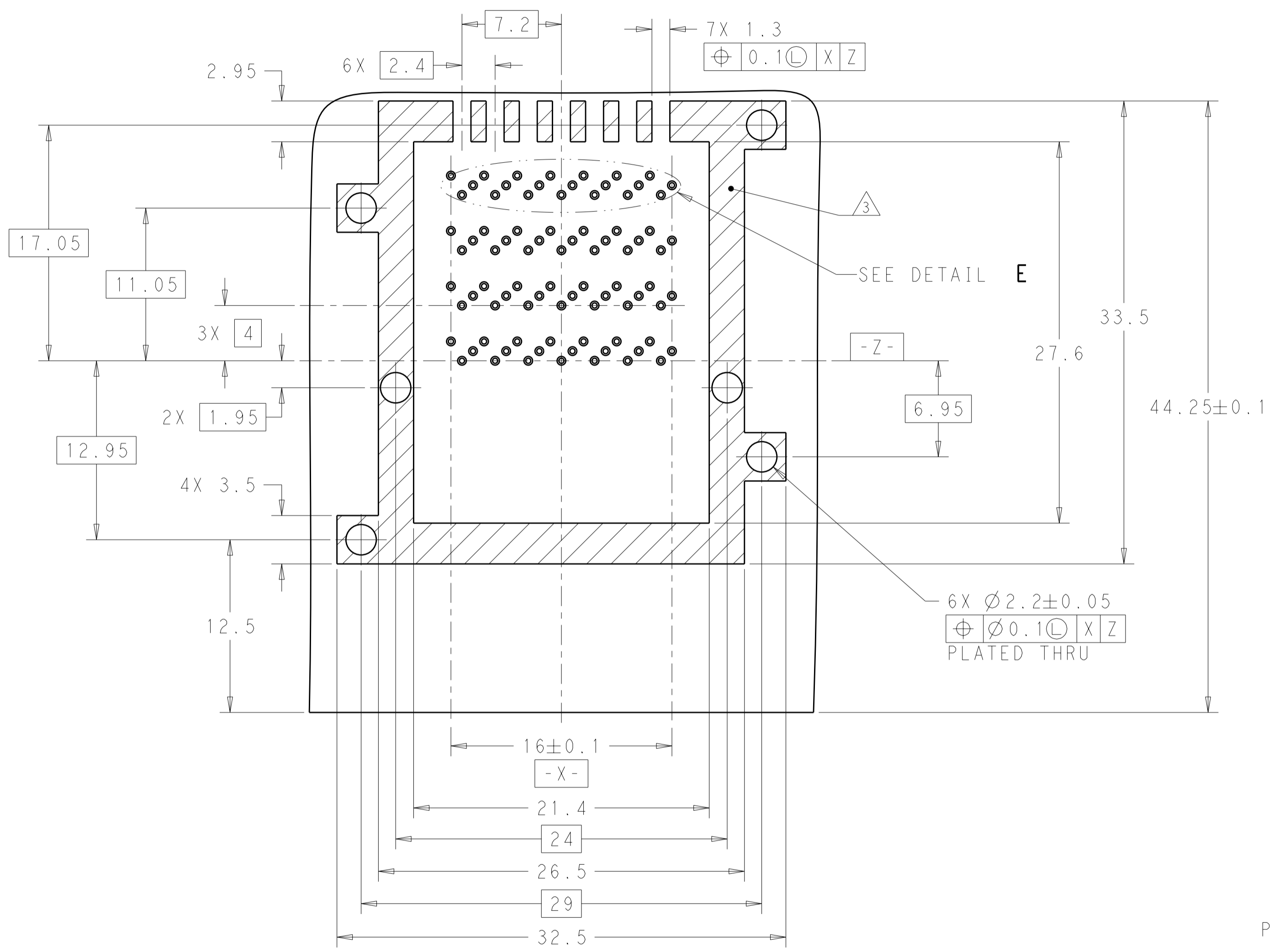
12.57+A	0.22+A	PCB THICKNESS
C	B	A

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DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN M.E. COWHER 22SEP2010	TE Connectivity
mm	0 PLC ±0.2	CHK M.D. MORRISON 06OCT2010	
	1 PLC ±0.1	APVD M.D. MORRISON 06OCT2010	
	2 PLC ±0.05	PRODUCT SPEC	
MATERIAL	3 PLC ±	APPLICATION SPEC	NAME RECEPTACLE ASSEMBLY WITH COVER, BELLY-BELLY, STANDARD, 84 POSITION, CXP
	4 PLC ±	WEIGHT	SIZE A200779
	ANGLES ±1°	CUSTOMER DRAWING	CAGE CODE C-2149699
	FINISH	SCALE 1:1	DRAWING NO. 2149699
		SHEET 2 OF 3	RESTRICTED TO -
		REV 8	

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



DETAIL E
 4X INDIVIDUALLY
 SCALE 8:1

RECOMMENDED PCB LAYOUT
 COMPONENT SIDE SHOWN
 SCALE 4:1

PRELIMINARY PART- NOT RELEASED FOR PRODUCTION

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 22SEP2010 M.E. COWHER	TE Connectivity			
DIMENSIONS: mm		CHK 06OCT2010 M.D. MORRISON				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 06OCT2010 M.D. MORRISON	NAME RECEPTACLE ASSEMBLY WITH COVER, BELLY-BELLY, STANDARD, 84 POSITION, CXP			
		PRODUCT SPEC	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
MATERIAL		APPLICATION SPEC	A200779	C=2149699		
WEIGHT		CUSTOMER DRAWING	SCALE 1:1	SHEET 3 OF 3	REV 8	