



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



LOC	DIST	REV	DESCRIPTION	DATE	DWN	APVD
GP	00	B3	REVISED PER ECO-12-008364	04MAY2012	KH	AS

- 1 HOUSING: LCP, UL94V0, COLOR: BLACK.
CONTACT: PHOSPHOR BRONZE.
POST: BRASS WIRE
- 2 CONTACT: 1.27µm MIN GOLD IN PAD CONTACT AREA
1.27µm MIN TIN-LEAD ON PCB TAIL
OVER 1.27µm MIN NICKEL OVER ALL.
POST 1.27µm MIN NICKEL PLATED.
- 3 MANUFACTURING TOLERANCE FOR Ø0.46±0.05
DIAMETER FINISHED HOLE WITH Sn /PB PLATING:
DRILLED HOLE = Ø0.55±0.02
COPPER PLATING = 0.025-0.050
Sn /PB PLATING = 0.0038-0.0124
OR
MANUFACTURING TOLERANCE FOR Ø0.475±0.05
DIAMETER FINISHED HOLE WITHOUT Sn /PB PLATING:
DRILLED HOLE = Ø0.55±0.02
COPPER PLATING = 0.025-0.050
- 4 SEE TABLE 1 FOR INTERCONNECTIONS TO BACKPLANE CONNECTOR.
- 5 CONTACT: 1.27µm MIN GOLD IN PAD CONTACT AREA
1.27µm MIN TIN ON PCB TAIL OVER 1.27µm MIN NICKEL OVER ALL.
POST: 1.27µm MIN NICKEL PLATED.

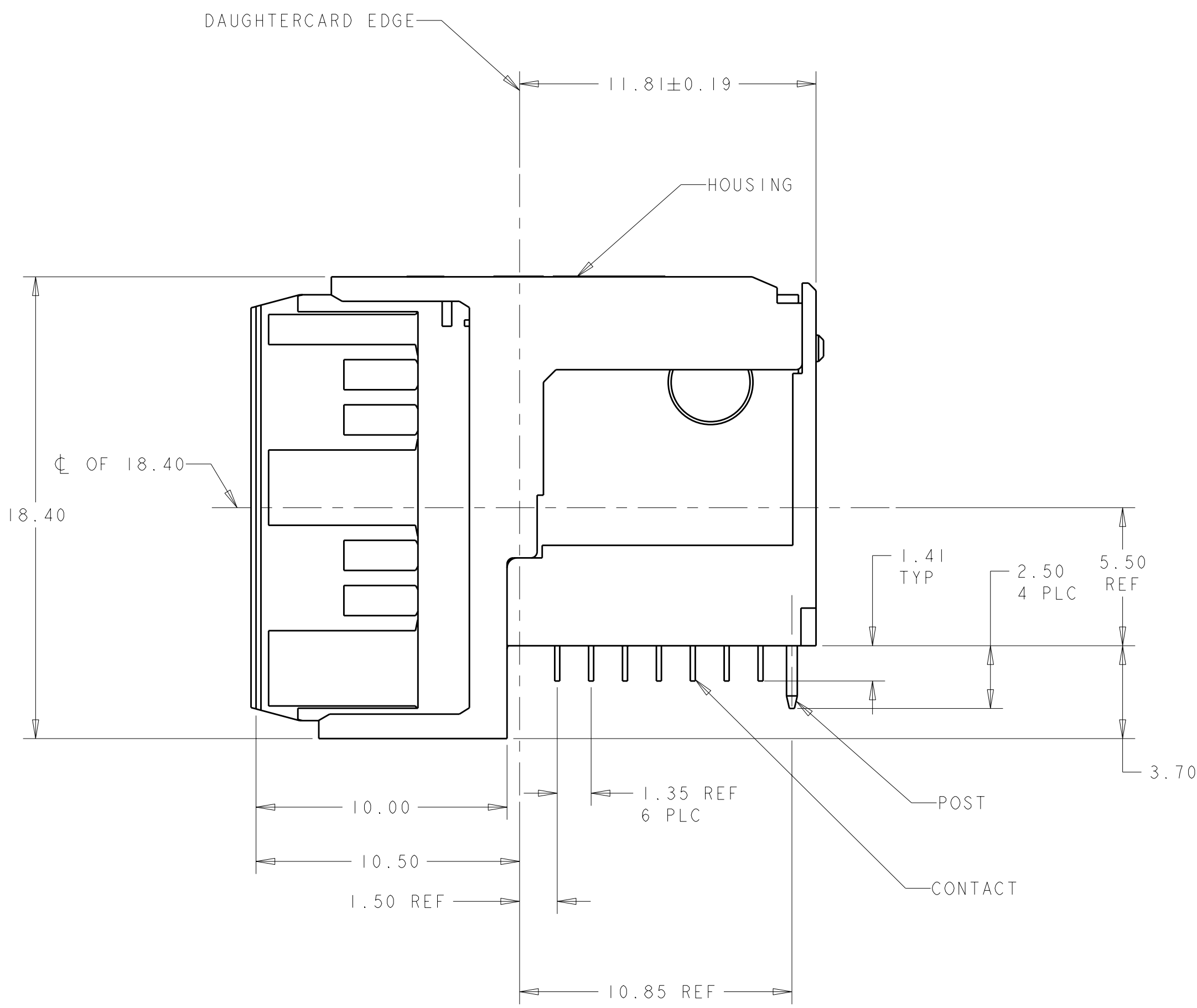
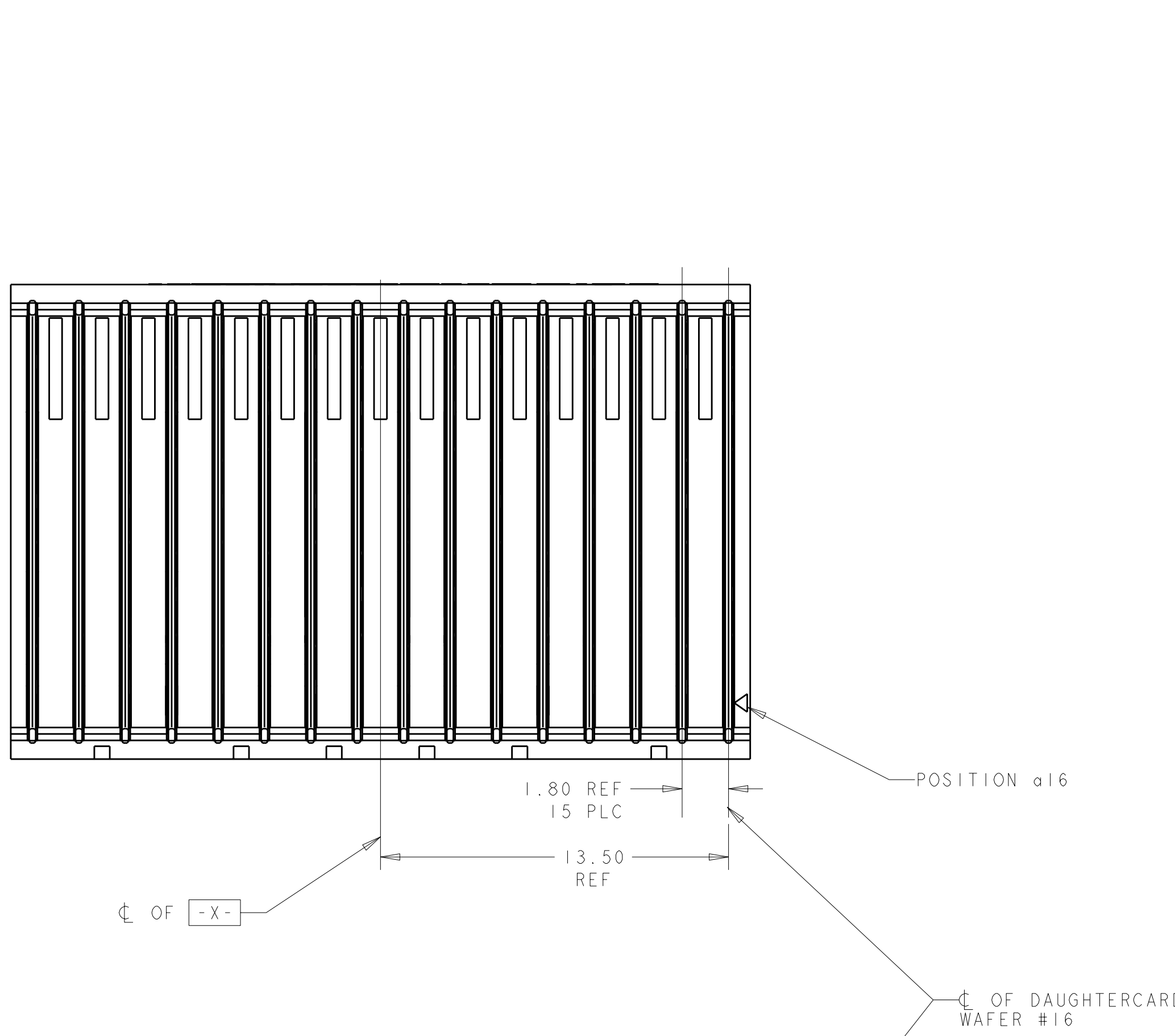
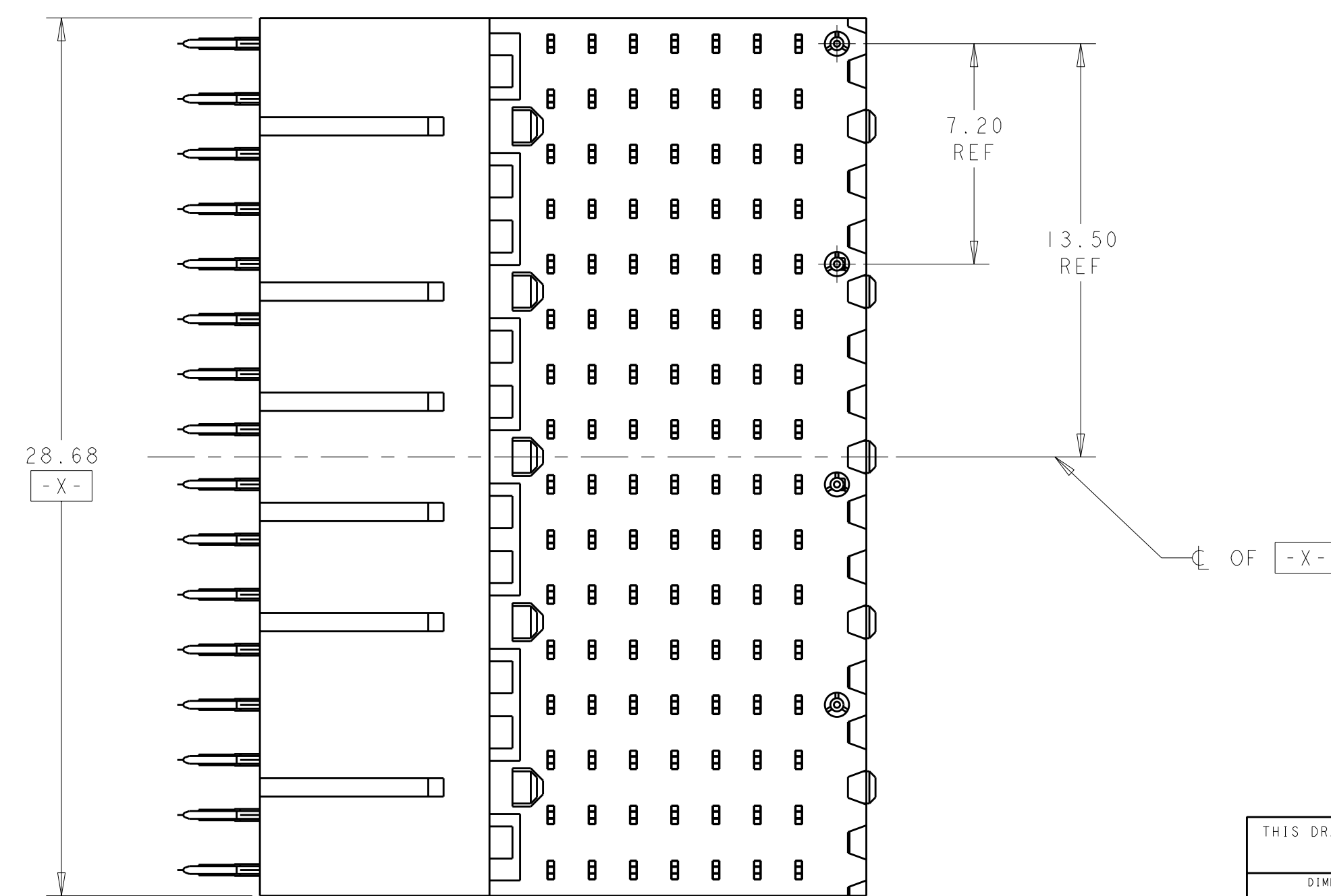
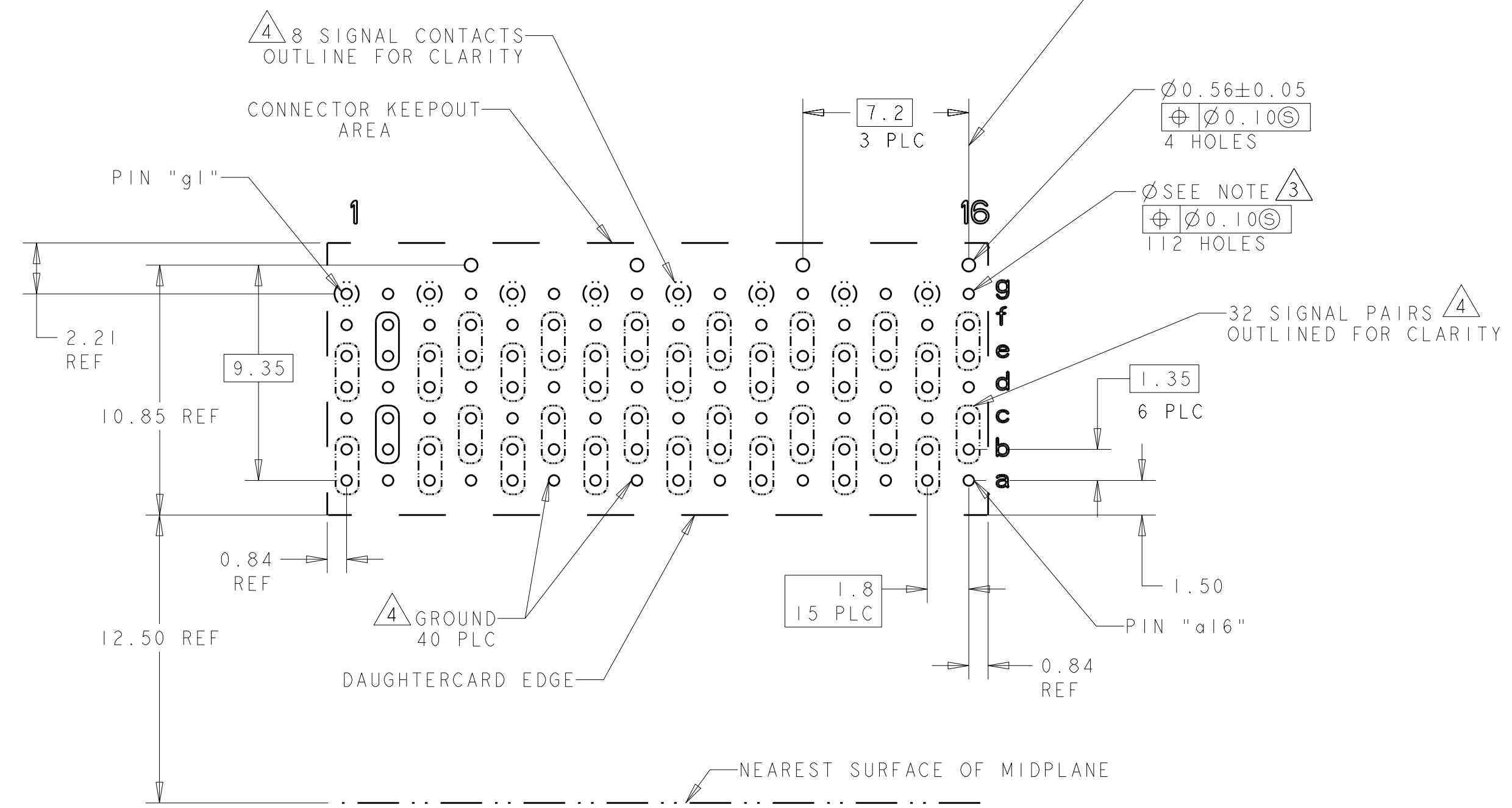


TABLE 1
INTERCONNECTIONS WITH BACKPLANE CONNECTOR
1410140-1, 1410142-1, 1410966-1, 1410967-1

TYPICAL INTERCONNECTIONS FOR EACH ODD-NUMBERED COLUMN (WAFER): 1, 3, 5, 7, 9, 11, 13, 15		
CONTACT USAGE	DAUGHTERCARD CONNECTOR PIN	BACKPLANE CONNECTOR PIN
SIGNAL PAIR	ax	ax
	bx	bx
SIGNAL PAIR	dx	ex
	ex	fx
SIGNAL	gx	ix
GROUND	cx, fx (ALL COMMONED)	cx, dx, gx, hx

TYPICAL INTERCONNECTIONS FOR EACH EVEN-NUMBERED COLUMN (WAFER): 2, 4, 6, 8, 10, 12, 14, 16		
CONTACT USAGE	DAUGHTERCARD CONNECTOR PIN	BACKPLANE CONNECTOR PIN
SIGNAL PAIR	bx	cx
SIGNAL PAIR	cx	dx
	ex	gx
SIGNAL PAIR	fx	hx
	ax, dx, gx, (ALL COMMONED)	ax, bx, ex, fx, ix

NOTE: "x" DESIGNATES THE COLUMN NUMBER



PC BOARD REAR TRANSITION MODULE
(CONNECTOR SIDE)
SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN: TREA 22FEB2006	1410975-4
mm	0 PLC ±	CHK: G. GRIFFITH 22FEB2006	1410975-3
	1 PLC ±0.5	APVD: 22FEB2006	PLATING PART NO
	2 PLC ±0.13	NAME: RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW, CENTER, 20.3mm, MultiGig RT2, DAUGHTERCARD CONNECTOR, DIFFERENTIAL	
	3 PLC ±	PRODUCT SPEC: 108-2072	
	4 PLC ±	APPLICATION SPEC: 114-13056	
	ANGLES ±1°	SIZE: CAGE CODE DRAWING NO: A100779C=1410975	
MATERIAL:	FINISH:	WEIGHT:	RESTRICTED TO:
	SEE TABLE	CUSTOMER DRAWING	SCALE: 6:1 SHEET 1 OF 1 REV: B3