



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

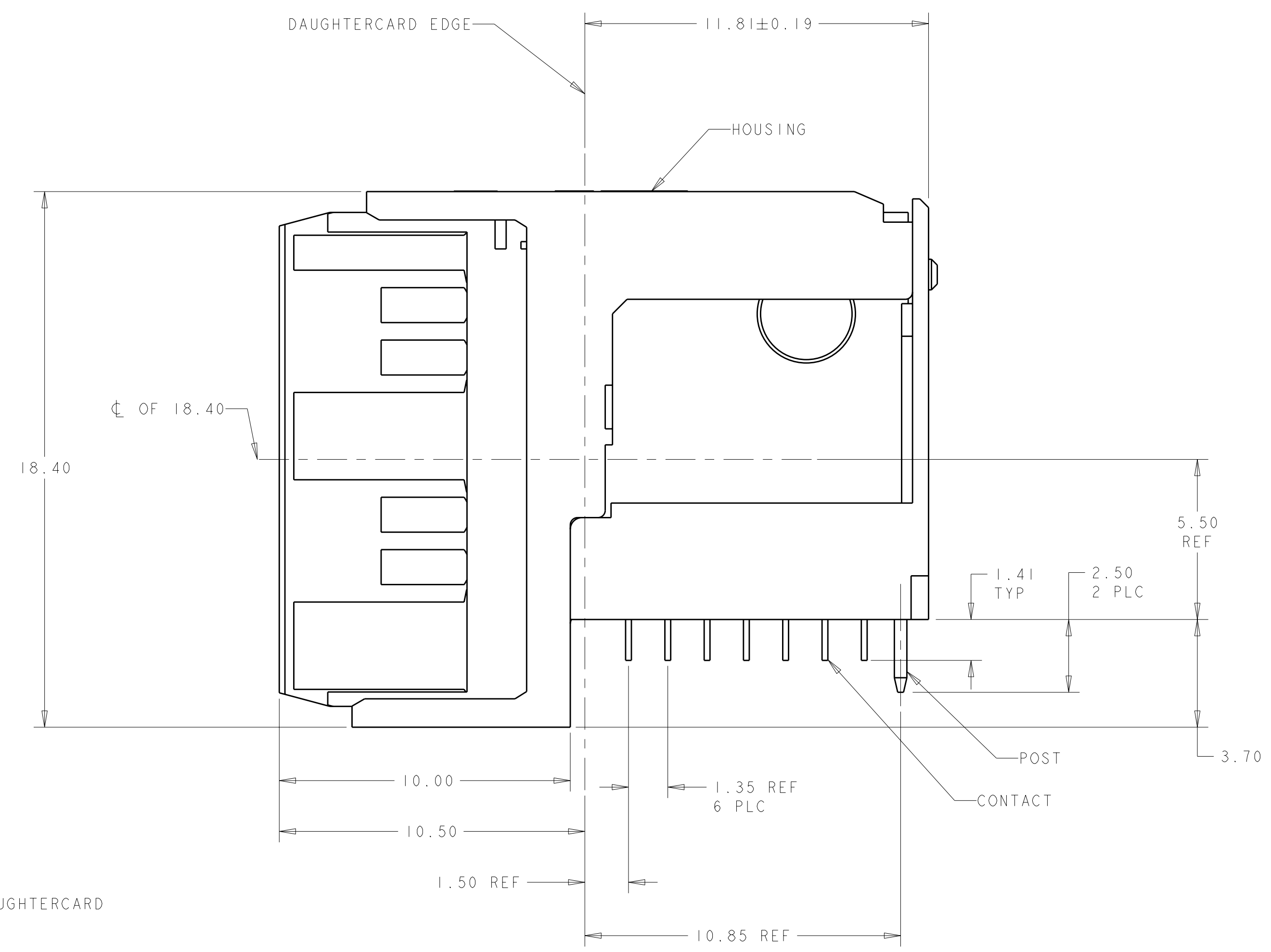
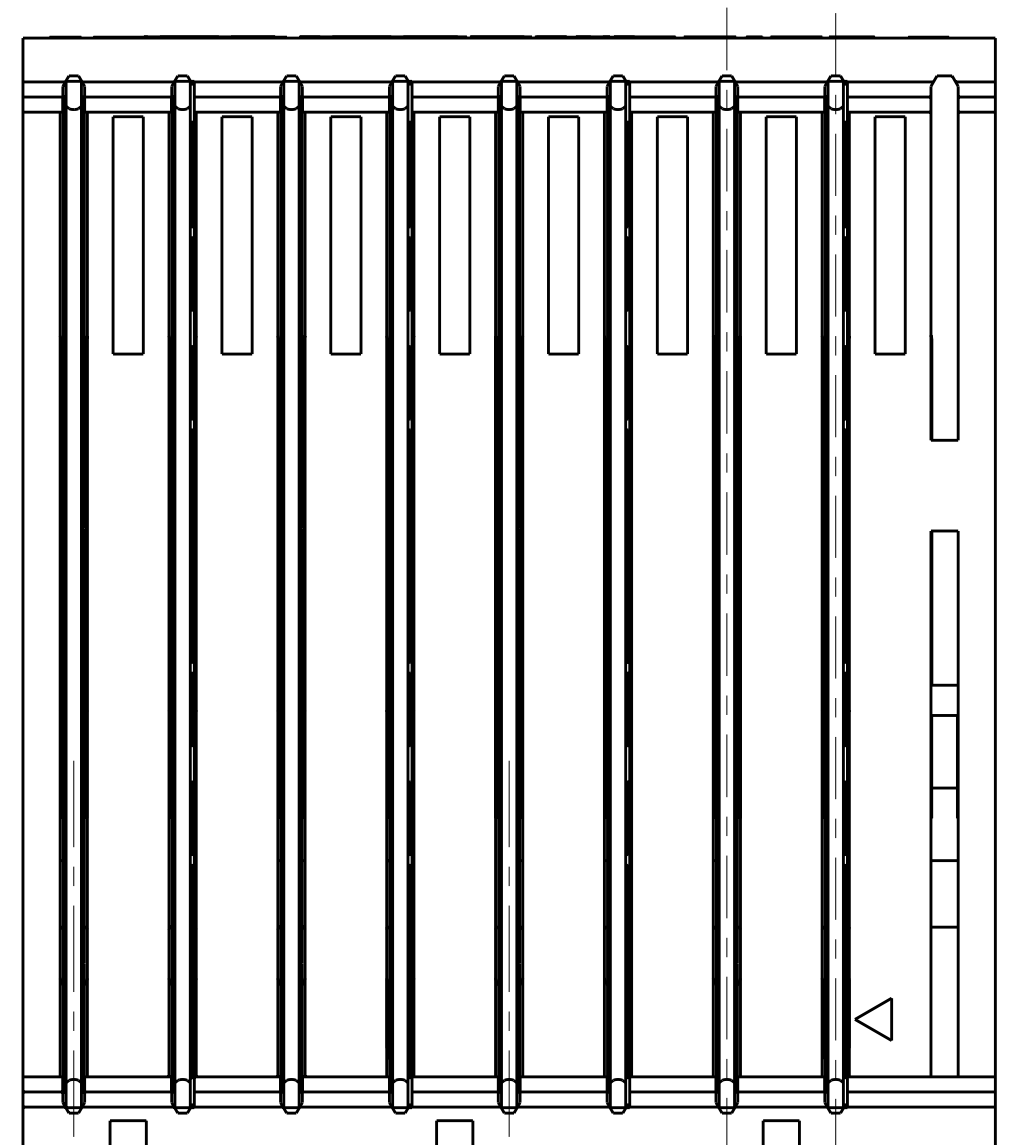
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LOC	DIST	REV	DATE	BY	APPD
GP	00	B2	04MAY2012	KH	AS



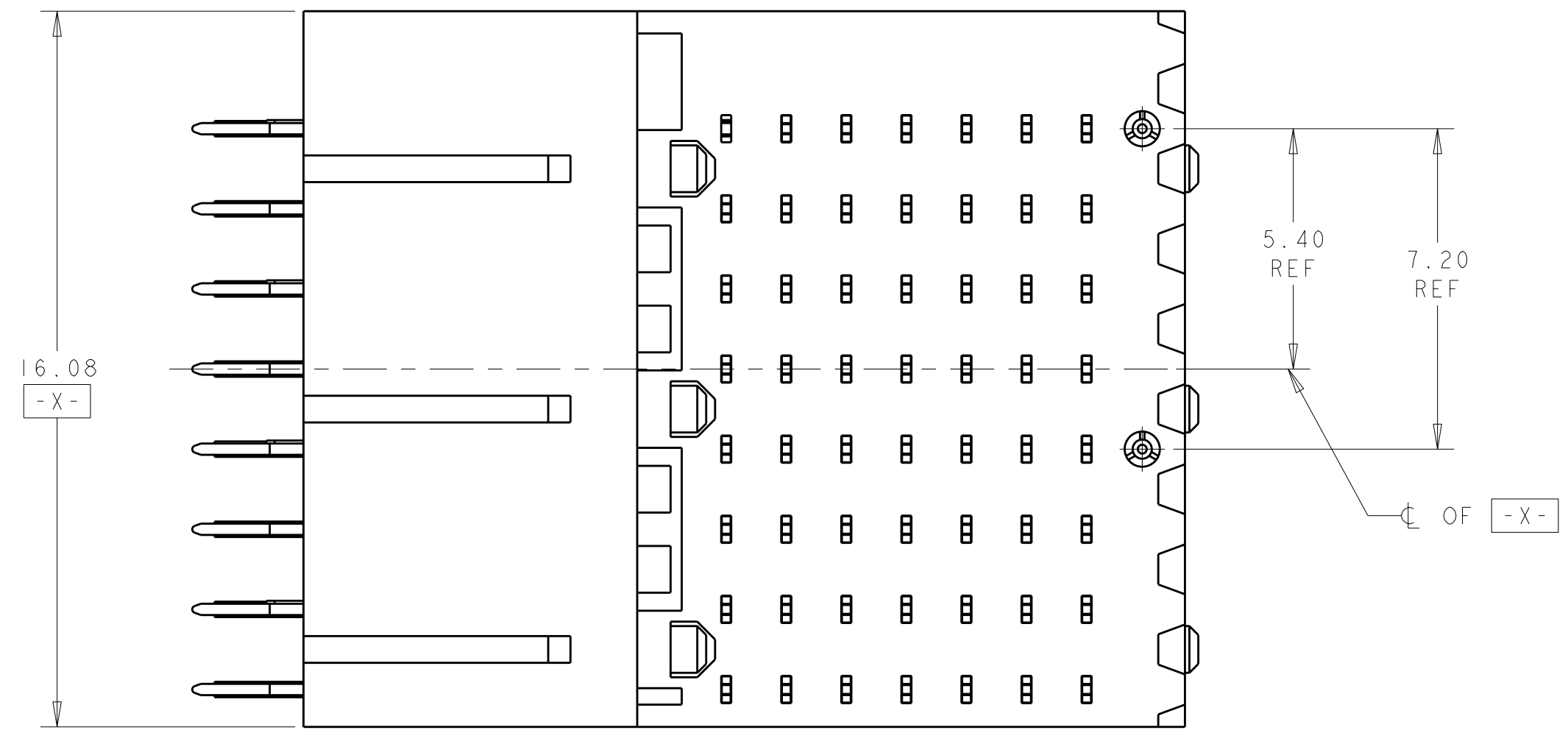
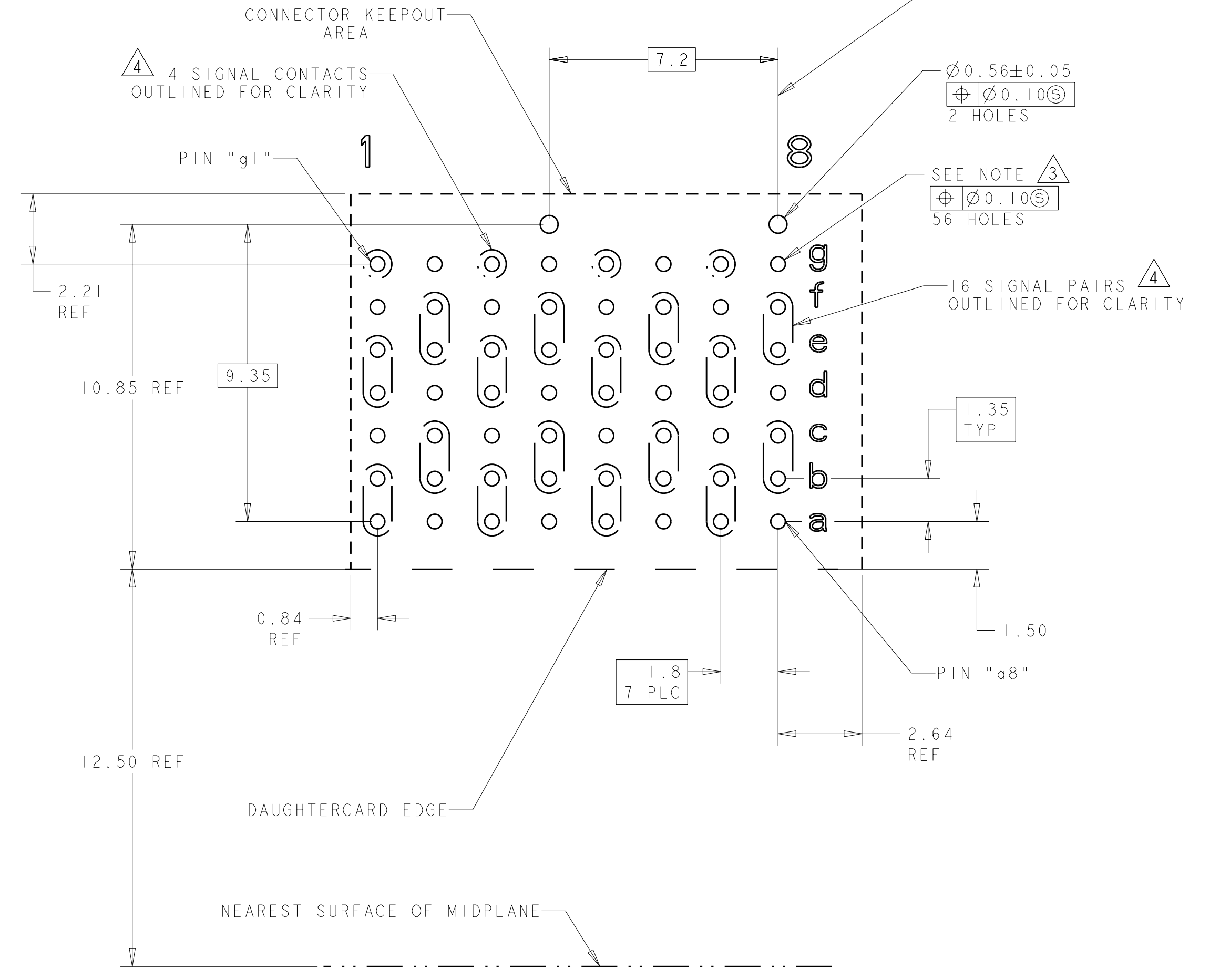
- △ HOUSING: LCP, UL94V0, COLOR: BLACK.  
CONTACT: PHOSPHOR BRONZE.  
POST: BRASS WIRE
- △ CONTACT: 1.27µm MIN GOLD IN PAD CONTACT AREA, 1.27µm MIN TIN-LEAD ON PCB TAIL OVER 1.27µm MIN. NICKEL OVER ALL.  
POST: 1.27µm MIN NICKEL PLATED.
- △ MANUFACTURING TOLERANCE FOR Ø0.46± 0.05 DIAMETER FINISHED HOLE WITH SnPB 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 SnPB PLATING:  
DRILLED HOLE = Ø0.55±0.02  
COPPER PLATING = 0.025-0.050
- △ SEE TABLE 1 FOR INTERCONNECTIONS TO BACKPLANE CONNECTOR.
- △ 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 1410186

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

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

NOTE: "x" DESIGNATES THE COLUMN NUMBER



PC BOARD REAR TRANSITION MODULE (CONNECTOR SIDE)  
SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R. IREA 21FEB2006	1410971-4
DIMENSIONS: mm		CHK: G. GRIFFITH 21FEB2006	1410971-3
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: 21FEB2006	PLATING PART NO
Ø	±0.13	NAME: RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW, HALF LEFT END, 20.3mm, MultiGig RT2, DAUGHTERCARD CONNECTOR, VITA 46	
PLC	±0.5	PRODUCT SPEC: 108-2072	
PLC	±0.13	APPLICATION SPEC:	
PLC	±0.13	SIZE: 114-13056	
PLC	±0.13	WEIGHT:	
ANGLES	±1°	CUSTOMER DRAWING	
MATERIAL:	SEE TABLE	SCALE: 8:1	SHEET 1 OF 1
FINISH:	SEE TABLE	REV: B2	