

LOC	DIST	REV	DATE	BY	APPD
GP	00	C2	04MAY2012	KH	AS
REVISIONS					
DESCRIPTION			DATE	BY	APPD
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 $\phi 0.46 \pm 0.05$
DIAMETER FINISHED HOLE WITH Sn /PB PLATING:
DRILLED HOLE = $\phi 0.55 \pm 0.02$
COPPER PLATING = 0.025-0.050
Sn /PB PLATING = 0.0038-0.0124
OR
MANUFACTURING TOLERANCE FOR $\phi 0.475 \pm 0.05$
DIAMETER FINISHED HOLE WITHOUT Sn /PB PLATING:
DRILLED HOLE = $\phi 0.55 \pm 0.02$
COPPER PLATING = 0.025-0.050
- 4 SEE TABLE 1 FOR INTERCONNECTIONS TO
BACKPLANE CONNECTOR.

TABLE 1
INTERCONNECTIONS WITH BACKPLANE CONNECTOR

TYPICAL INTERCONNECTIONS FOR EACH COLUMN (WAFER): 2, 3

CONTACT USAGE	DAUGHTERCARD CONNECTOR PIN	BACKPLANE CONNECTOR PIN
POWER	ax, bx, cx	ax, bx, cx, dx
POWER	ex, fx, gx	fx, gx, hx, ix
NOT CONNECTED	dx	ex

TYPICAL INTERCONNECTIONS FOR EACH COLUMN (WAFER): 4, 5, 6

CONTACT USAGE	DAUGHTERCARD CONNECTOR PIN	BACKPLANE CONNECTOR PIN
SIGNAL	ax	bx
SIGNAL	bx	cx
SIGNAL	dx	ex
SIGNAL	fx	gx
SIGNAL	gx	hx
GROUND	cx, ex, (ALL COMMONED)	ax, dx, fx, ix

TYPICAL INTERCONNECTIONS FOR EACH ODD-NUMBERED COLUMN (WAFER): 7, 9, 11, 13, 15

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 EACH EVEN-NUMBERED COLUMN (WAFER): 8, 10, 12, 14, 16

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

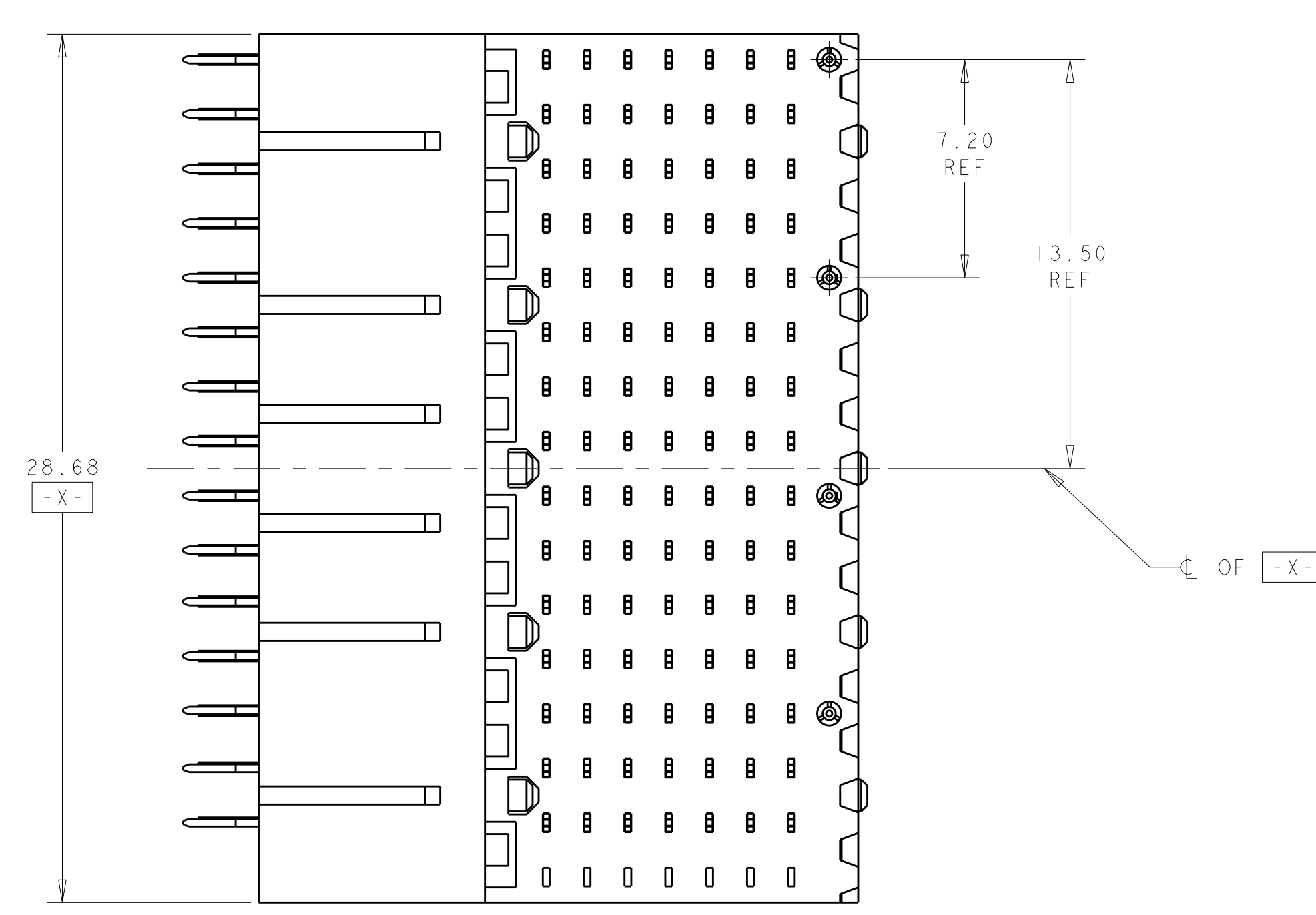
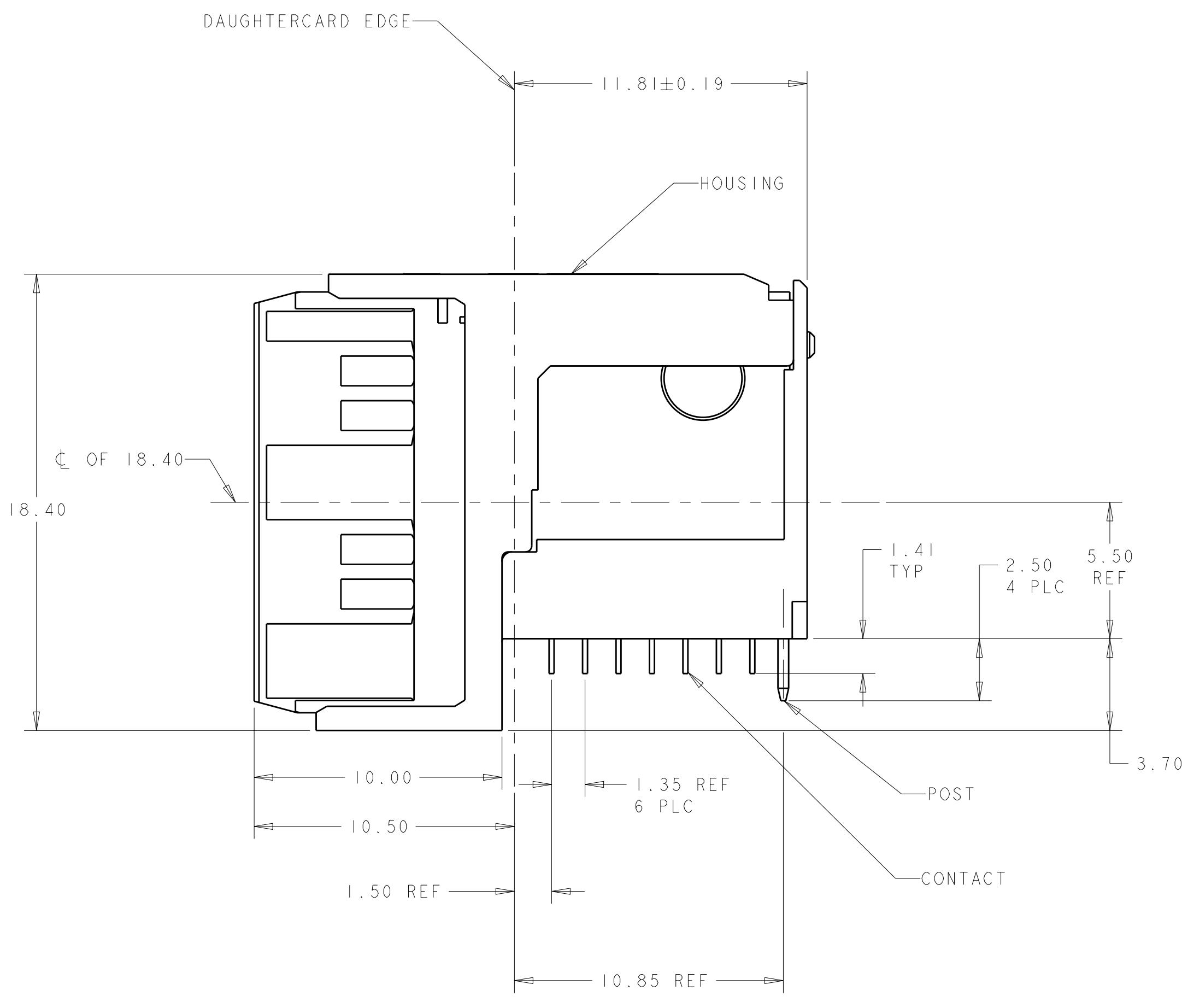
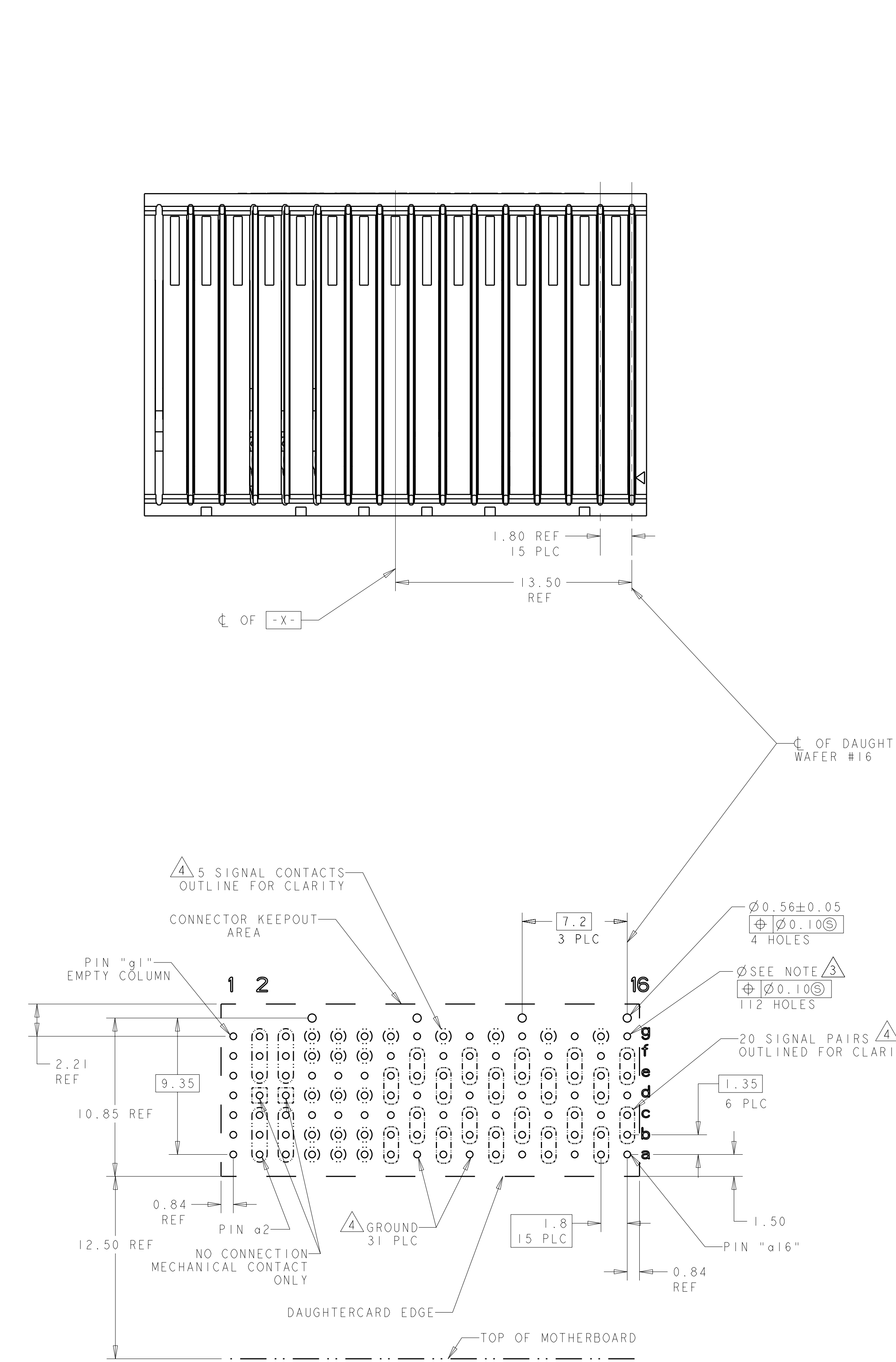
NOTE: "x" DESIGNATES THE COLUMN NUMBER

5	1410968-4
2	1410968-3
PLATING	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN OR TREA 17FEB2006	NAME
mm	9 PLC ±	CHK G. GRIFFITH 17FEB2006	RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW, CENTER, 20.3mm, MultiGig RT2, DAUGHTERCARD CONNECTOR, COMBO
	1 PLC ±0.5	APPD 17FEB2006	SIZE CAGE CODE DRAWING NO
	5 PLC ±0.13		A100779C=1410968
	4 PLC ±		RESTRICTED TO
	ANGLES ±		
MATERIAL	FINISH ±1°	WEIGHT	SCALE 6:1 SHEET 1 OF 1 REV C2
	SEE TABLE	CUSTOMER DRAWING	

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.



PC BOARD LAYOUT (CONNECTOR SIDE) SCALE 5:1