

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
		F		REV PER ECO 15-001096	2-2-15	CT

- 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 PLATE THROUGH HOLE PER TE PEC. 114-13056
FIGURE 4.
- 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.
- 6 CONTACT: 0.76µm 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

1410964-1
OR
1410965-1

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
	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): 8, 10, 12, 14, 16		
CONTACT USAGE	DAUGHTERCARD CONNECTOR PIN	BACKPLANE CONNECTOR PIN
SIGNAL PAIR	bx	cx
	cx	dx
SIGNAL PAIR	ex	gx
	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
6	1410968-2
PLATING	
PART NO	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
R. TREJA
17FEB2006

CHK
G. GRIFFITH
17FEB2006

APVD
17FEB2006

DIMENSIONS:
mm

0 PLC ±.5

1 PLC ±0.5

2 PLC ±0.13

3 PLC ±.

4 PLC ±.

ANGLES ±1°

FINISH

SEE TABLE

PRODUCT SPEC
108-2072

APPLICATION SPEC
114-13056

WEIGHT

CUSTOMER DRAWING

NAME
RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW,
CENTER, 20.3mm, MultiGig RT2,
DAUGHTERCARD CONNECTOR, COMBO

SIZE
A100779

CAGE CODE
C=1410968

DRAWING NO

RESTRICTED TO

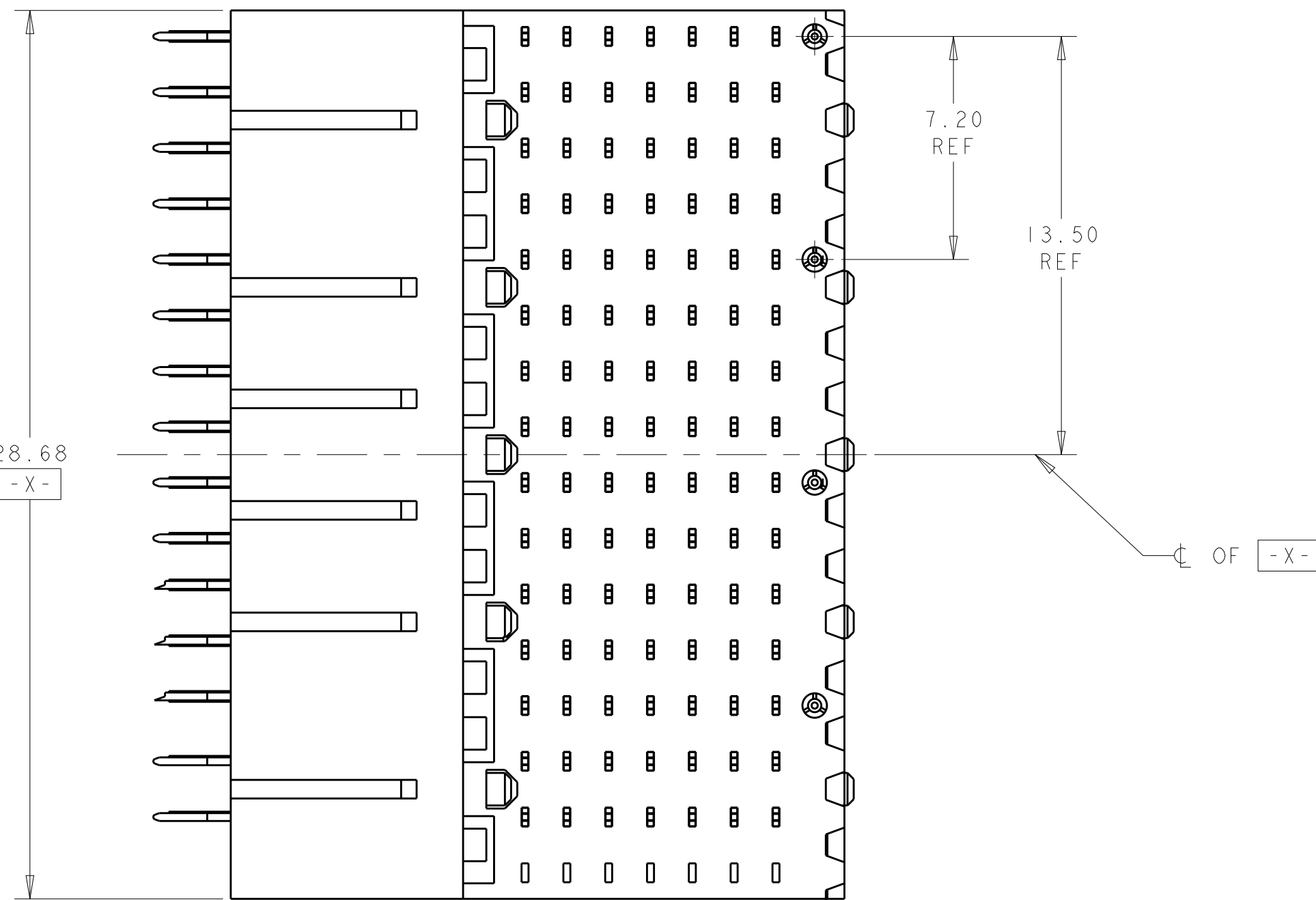
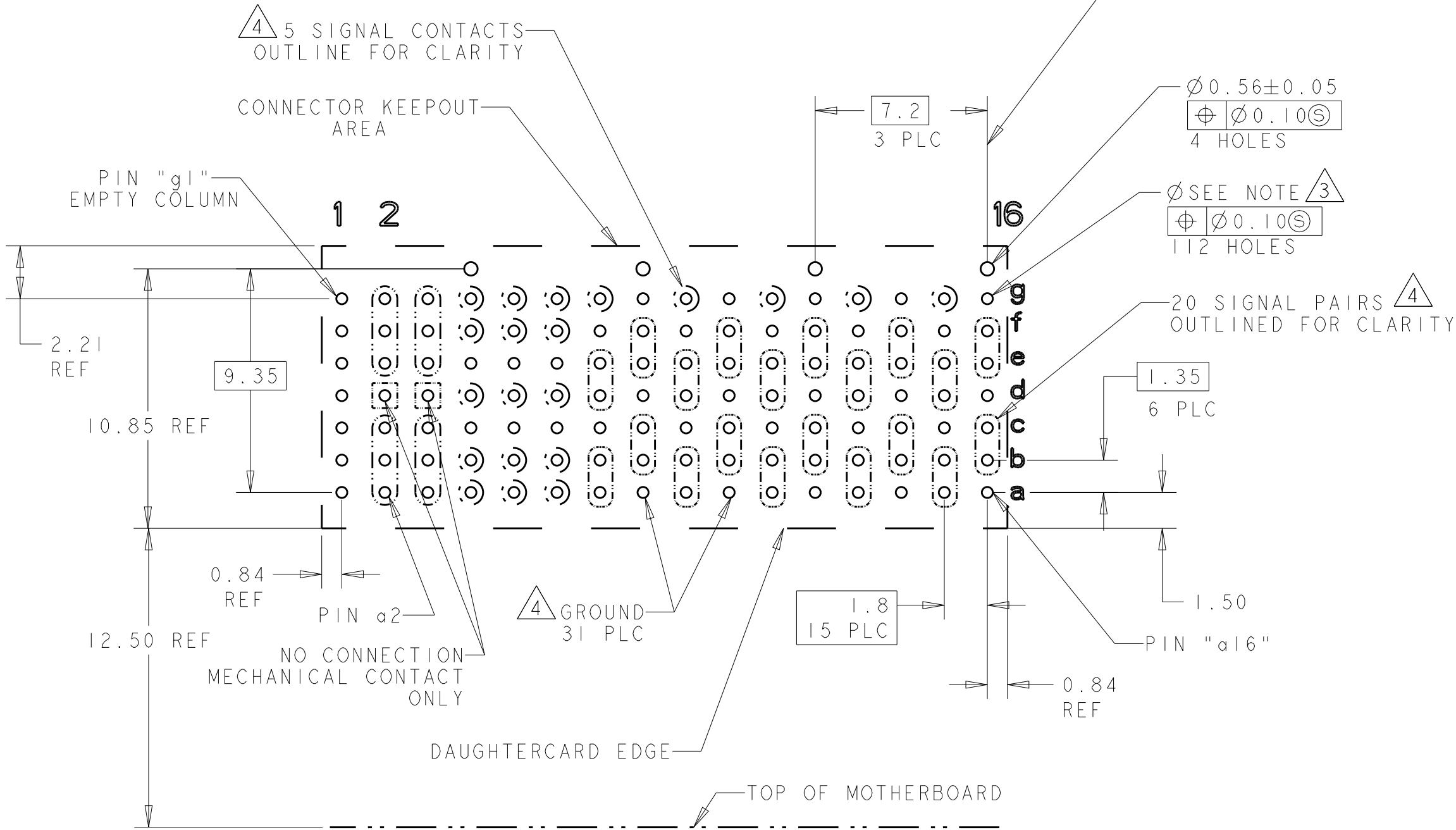
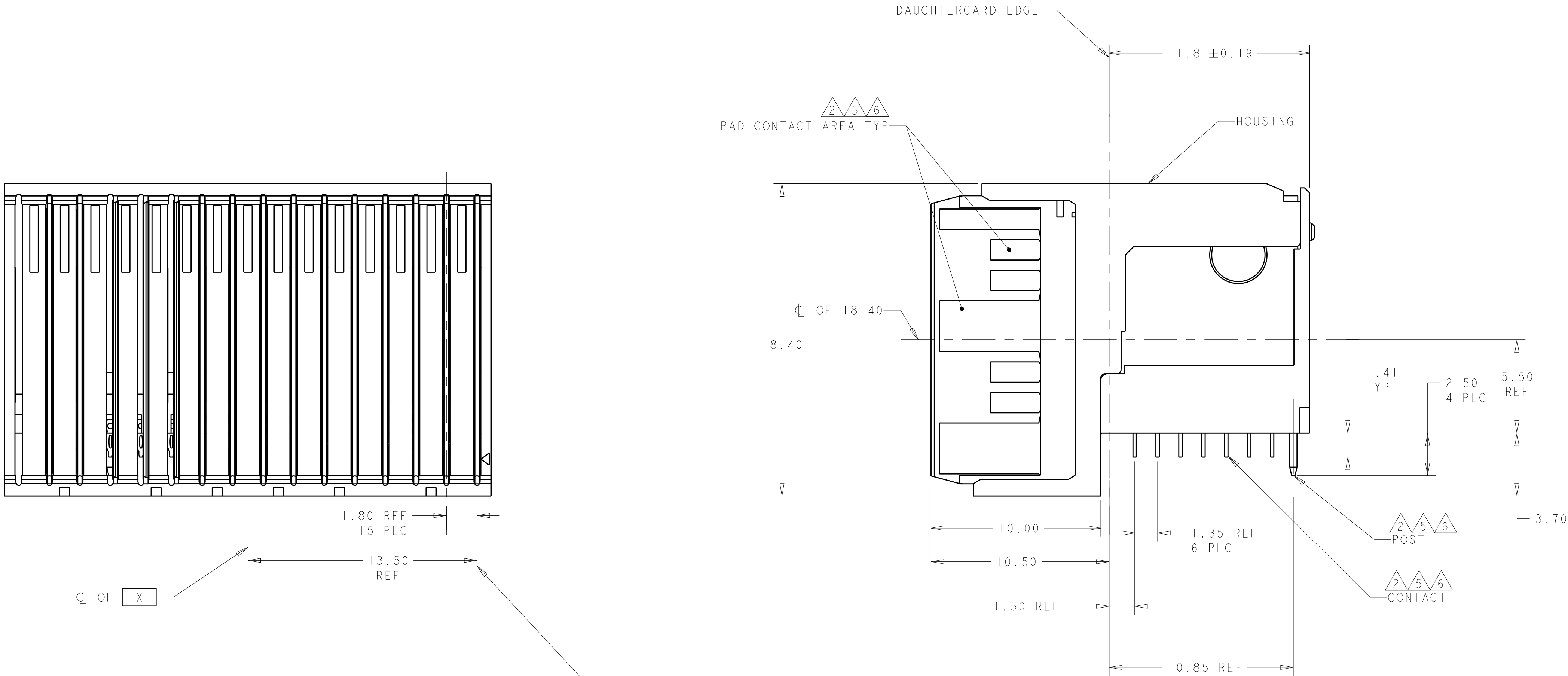
SCALE
6:1

SHEET
1

OF
1

REV
F

TE Connectivity



PC BOARD LAYOUT
(CONNECTOR SIDE)
SCALE 5:1

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[1410968-4](#)