

WARNING - THIS DOCUMENT CONTAINS TECHNOLOGY WHOSE EXPORT IS RESTRICTED BY THE EXPORT ADMINISTRATION REGULATIONS ("EAR") PURSUANT TO 15 C.F.R. PARTS 730-774. VIOLATIONS OF THE EAR ARE SUBJECT TO SEVERE CRIMINAL PENALTIES UNDER THE EXPORT CONTROL REFORM ACT, AS AMENDED (TITLE 50, U.S.C., SEC. 4801, ET SEQ.).

LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION		DATE	DWN	APVD
			D	REV PER ECO 14-014390	9-23-14	CT	DH	
			E	REV PER ECO-21-003080	08OCT2021	LN	DH	
			F	REVISED PER ECN-26-364731	04FEB2026	SVS	JG	

- 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 (93/7) ON PCB TAIL
OVER 1.27µm MIN NICKEL OVER ALL.
POST 1.27µm MIN NICKEL PLATED.
- 3

PLATED THROUGH HOLE PER 114-13056, FIGURE 4
OR 114-163004 FIGURE 10
- 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: 1.27µm MIN GOLD IN PAD CONTACT AREA
1.27µm MIN TIN-LEAD (60/40) ON PCB TAIL
OVER 1.27µm MIN NICKEL OVER ALL.
POST 1.27µm MIN NICKEL PLATED.

TABLE 1
INTERCONNECTIONS WITH BACKPLANE CONNECTOR 2102736-1

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
	cx	dx
SIGNAL PAIR	ex	gx
	fx	hx
GROUND	ax, dx, gx, (ALL COMMONED)	ax, bx, ex, fx, ix

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

NOTE: "x" DESIGNATES THE COLUMN NUMBER

6	2102771-4
5	2102771-2
2	2102771-1
PLATING	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
K. MILLER

CHK
K. THACKSTON

APVD
M. McALONIS

04OCT2011

12JAN2012

15SEP2012

DIMENSIONS:
mm

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES
FINISH

±
±0.5
±0.13
±
±1°0'

SEE TABLE

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC
108-2072

APPLICATION SPEC
114-163004
114-13056

WEIGHT
10.33g

Customer Drawing

NAME
RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW, CENTER, 20.3mm, MULTIGIG RT 2-R, DAUGHTERCARD CONNECTOR, DIFFERENTIAL

SIZE
A1

CAGE CODE
00779

DRAWING NO
C=2102771

RESTRICTED TO
-

REV
F

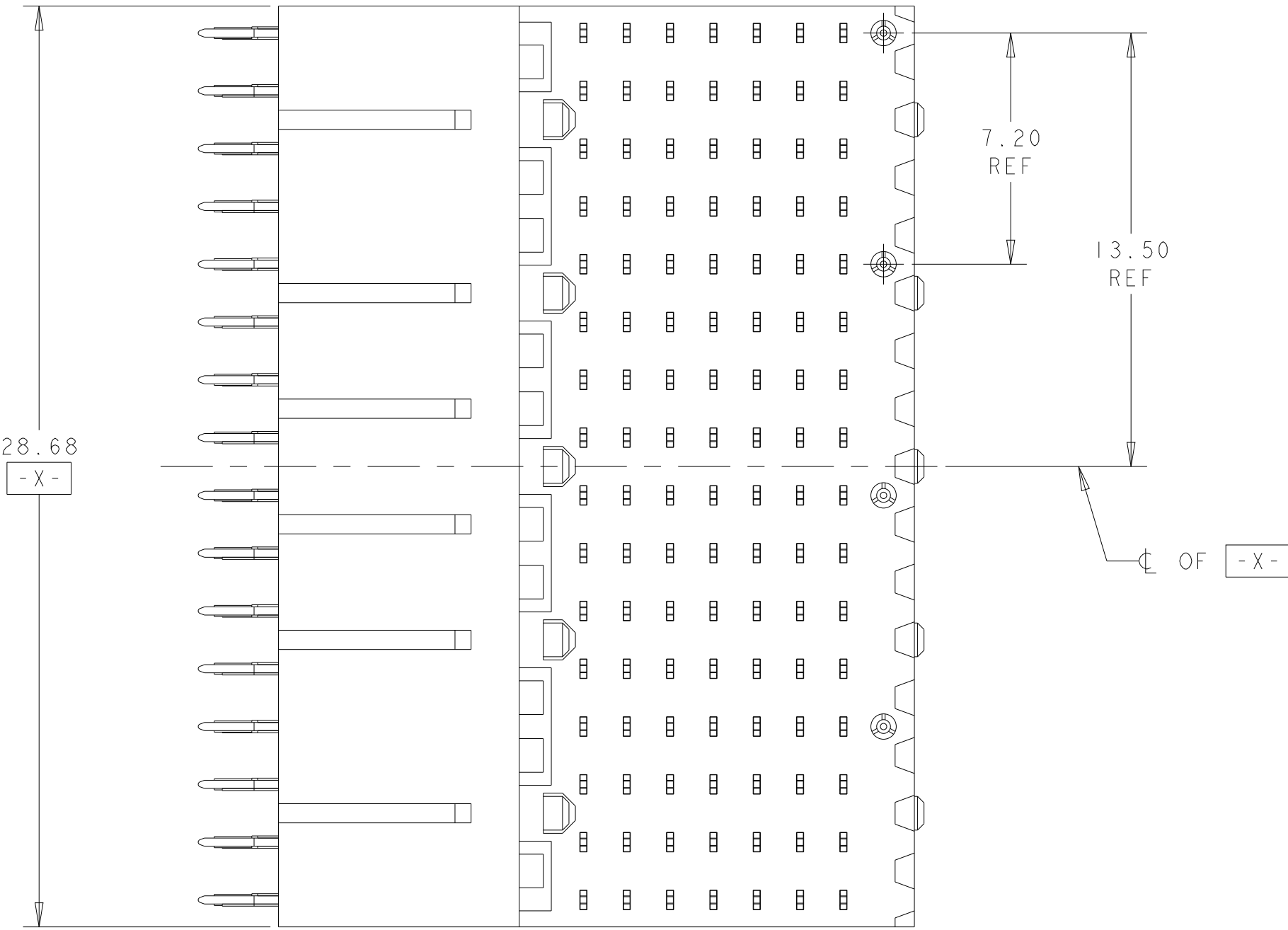
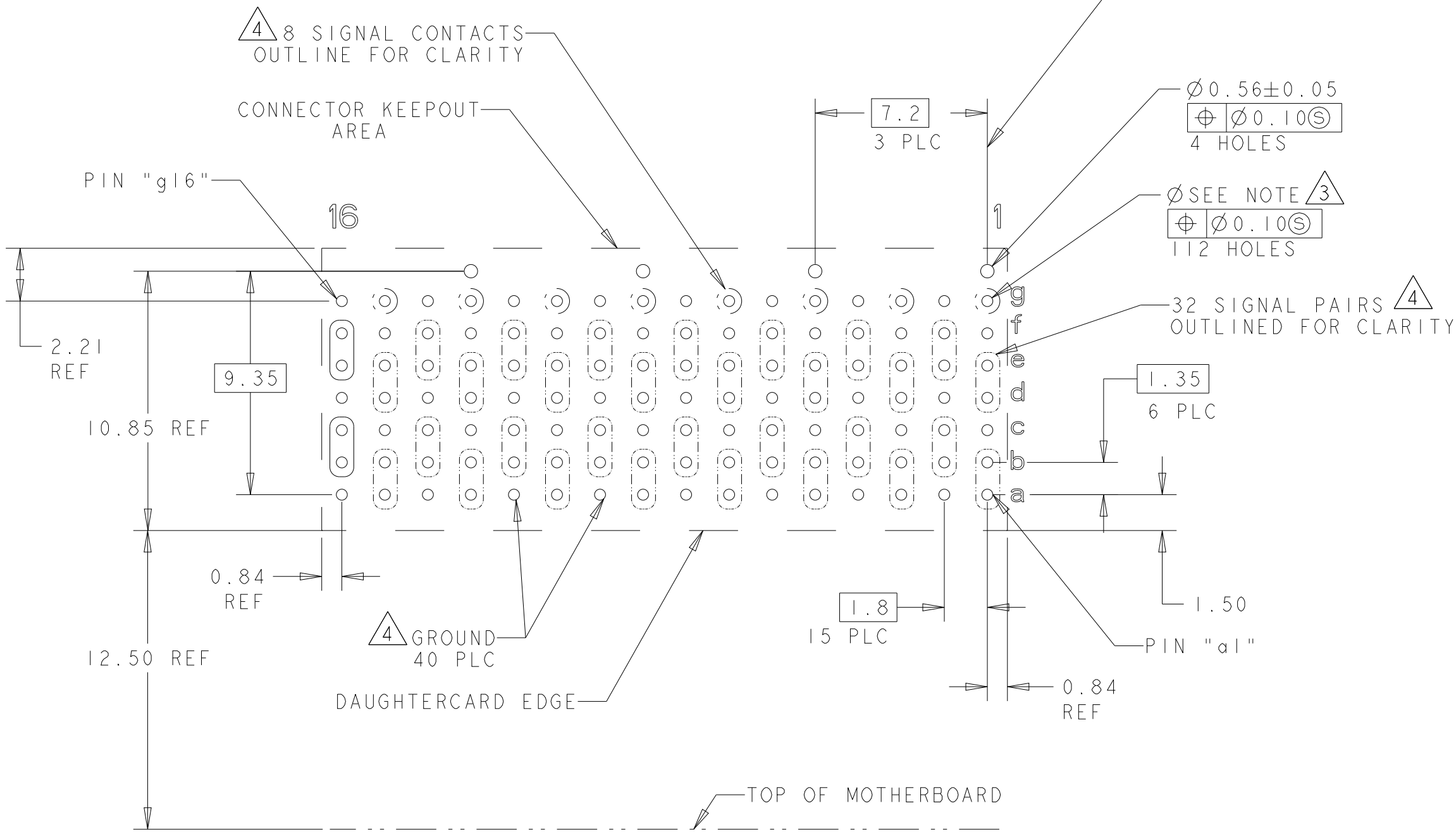
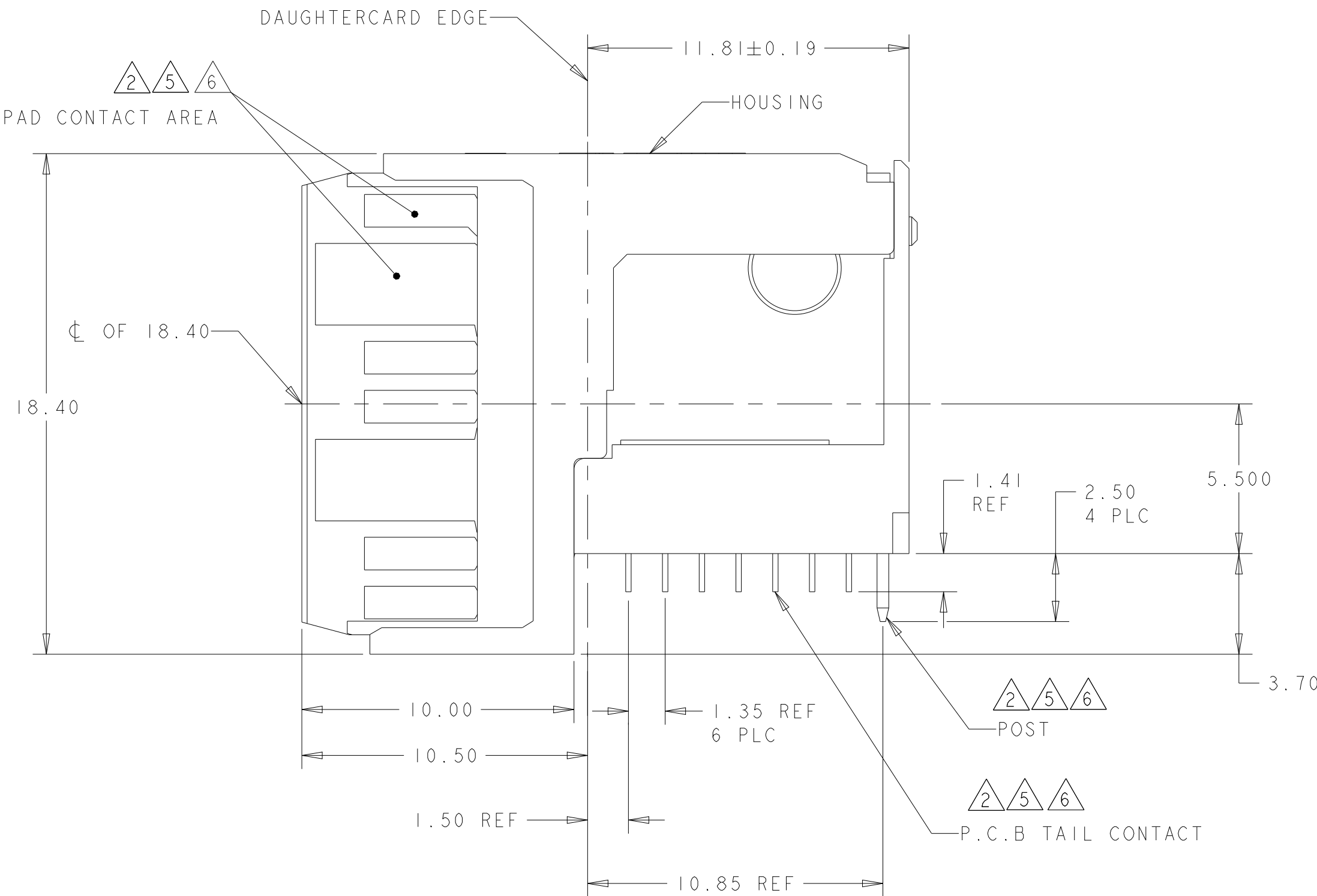
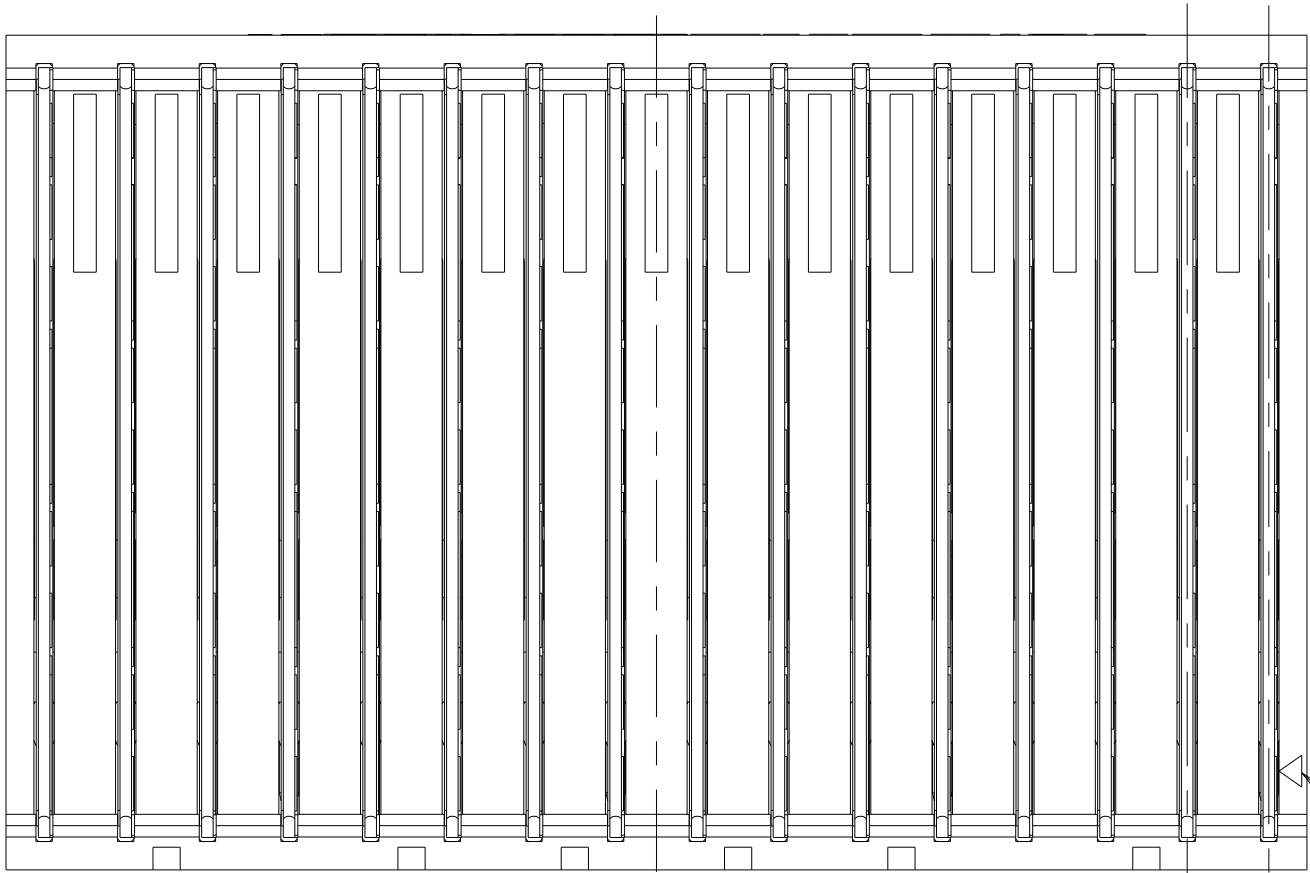
TE Connectivity

SCALE
6:1

SHEET
1

OF
1

REV
F



PC BOARD LAYOUT
(CONNECTOR SIDE)
SCALE 5:1