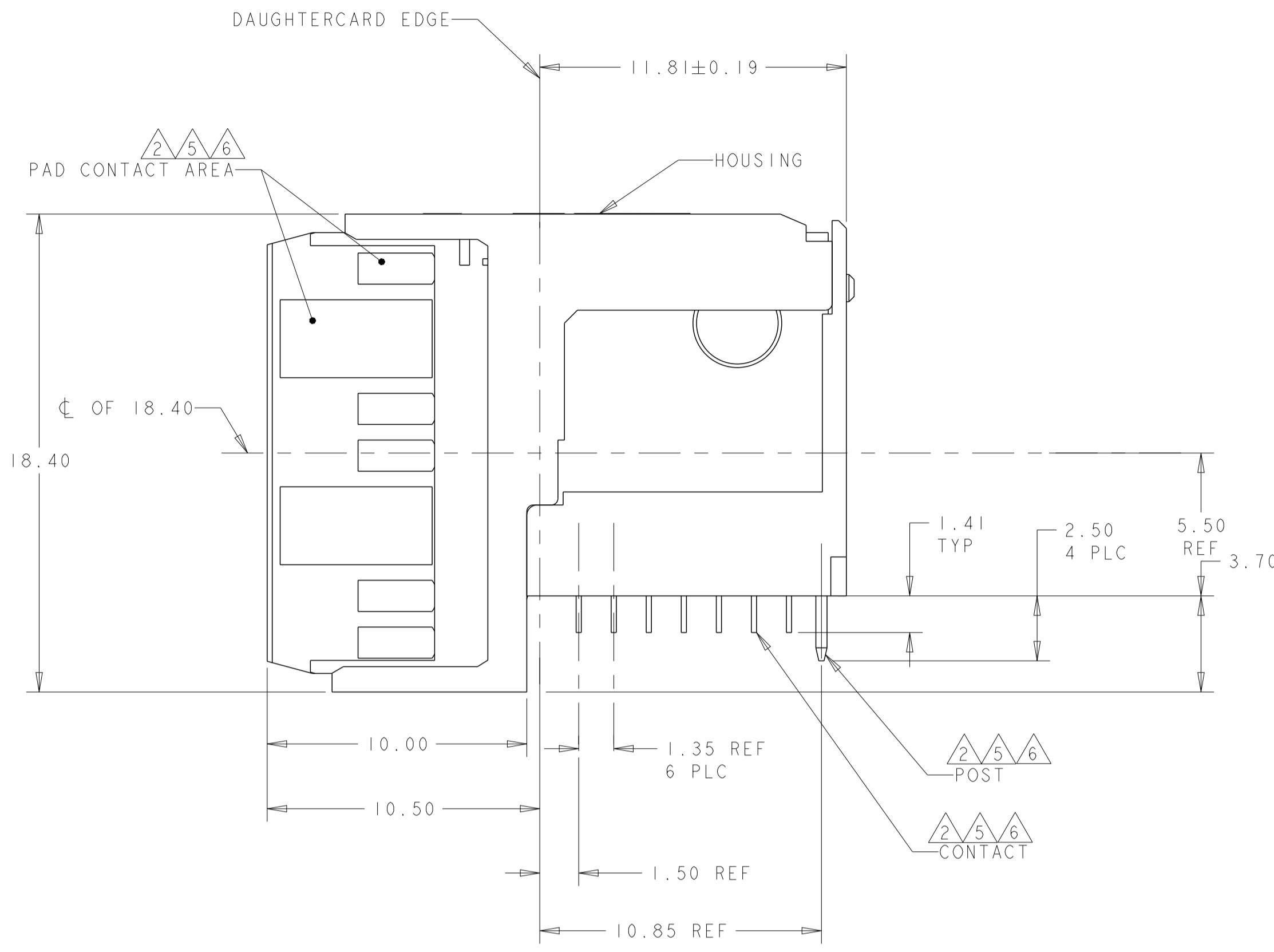
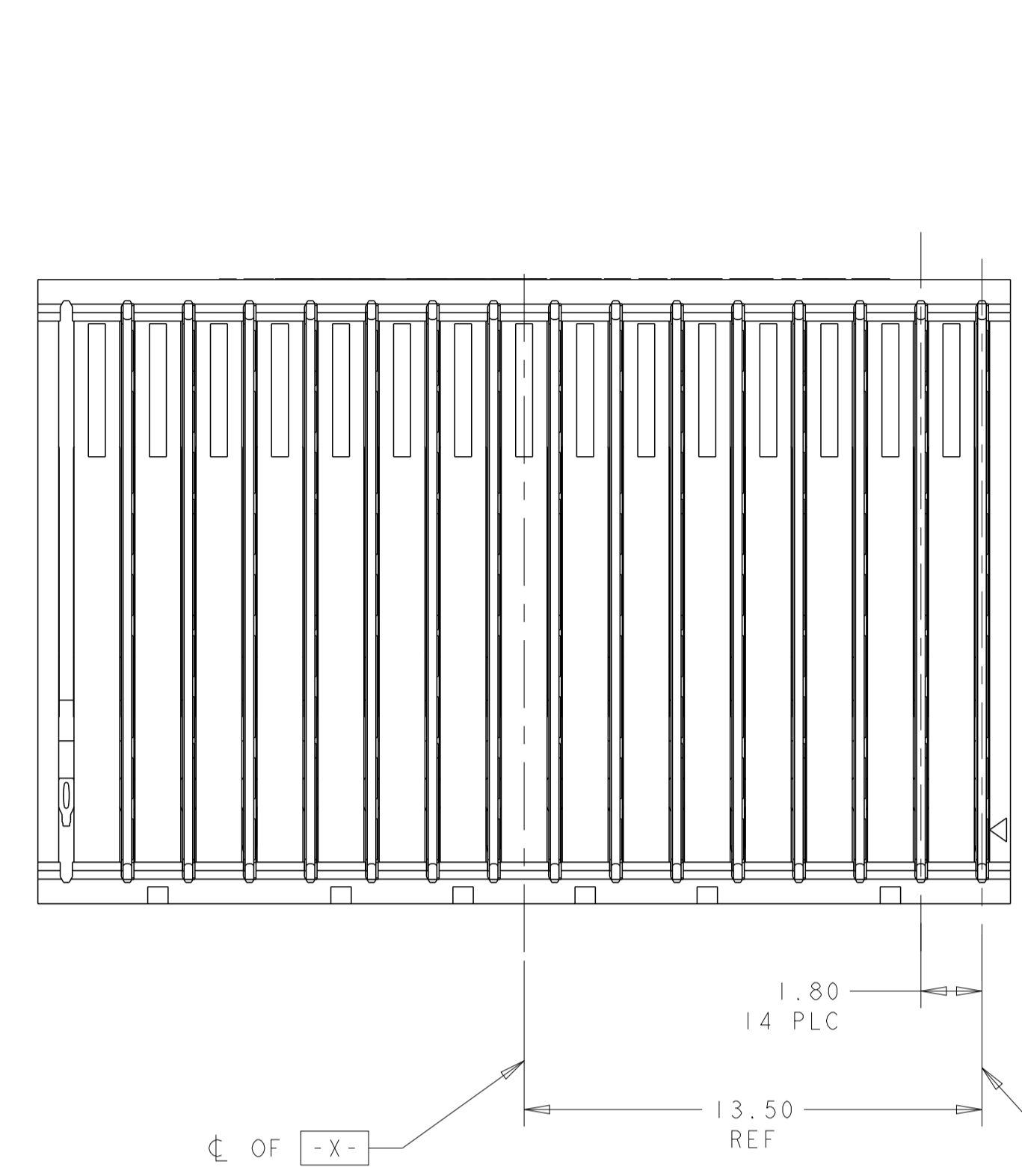


REVISIONS				
P	LTN	DESCRIPTION	DATE	OWN APVD
D		REV PER ECO 20-007470	6-1-20	CT DH



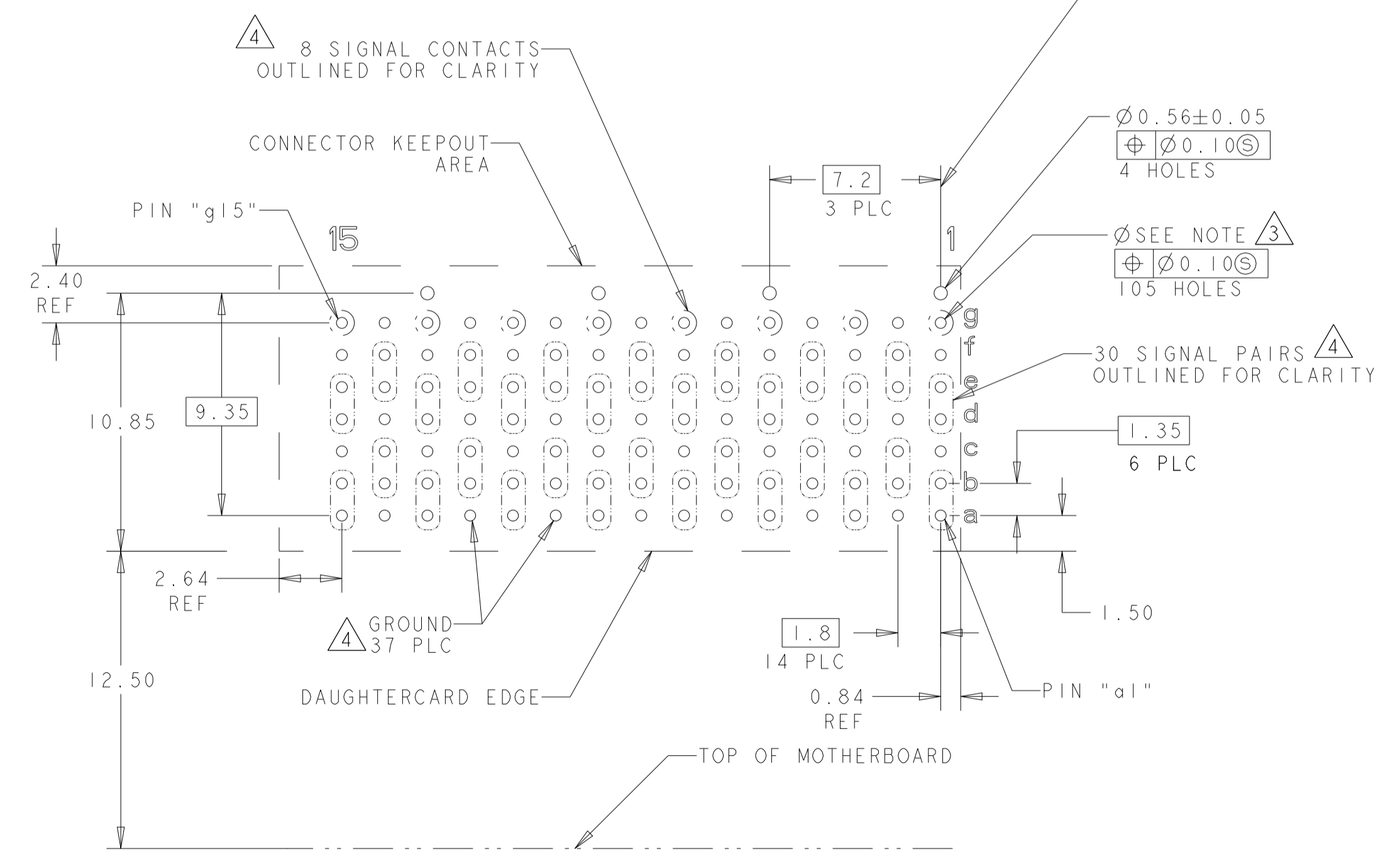
- 1 HOUSING: LCP, UL94V0, COLOR: BLACK.  
CONTACT: PHOSPHOR BRONZE.  
POST: BRASS WIRE
- 2 CONTACT: 0.76µm MIN GOLD IN CONTACT AREA.  
0.5µm MIN TIN-LEAD ON COMPLIANT PORTION  
OF PCB TAIL OVER 1.27µm MIN NICKEL OVER ALL.  
POST: 1.27µm MIN NICKEL PLATED.
- 3 MANUFACTURING TOLERANCE FOR Ø0.46±0.05  
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 I FOR INTERCONNECTIONS TO  
BACKPLANE CONNECTOR.
- 5 CONTACT: 0.76µm MIN GOLD IN CONTACT AREA.  
0.5µm MIN TIN-LEAD ON COMPLIANT PORTION  
OF PCB TAIL OVER 1.27µm MIN NICKEL OVER ALL.  
POST: 1.27µm MIN NICKEL PLATED.
- 6 CONTACT: 1.27µm MIN GOLD IN CONTACT AREA.)  
0.5µm MIN TIN-LEAD ON COMPLIANT PORTION  
OF PCB TAIL OVER 1.27µm MIN NICKEL OVER ALL.  
POST: 1.27µm MIN NICKEL PLATED.

TABLE I  
INTERCONNECTIONS WITH BACKPLANE CONNECTOR 1410135

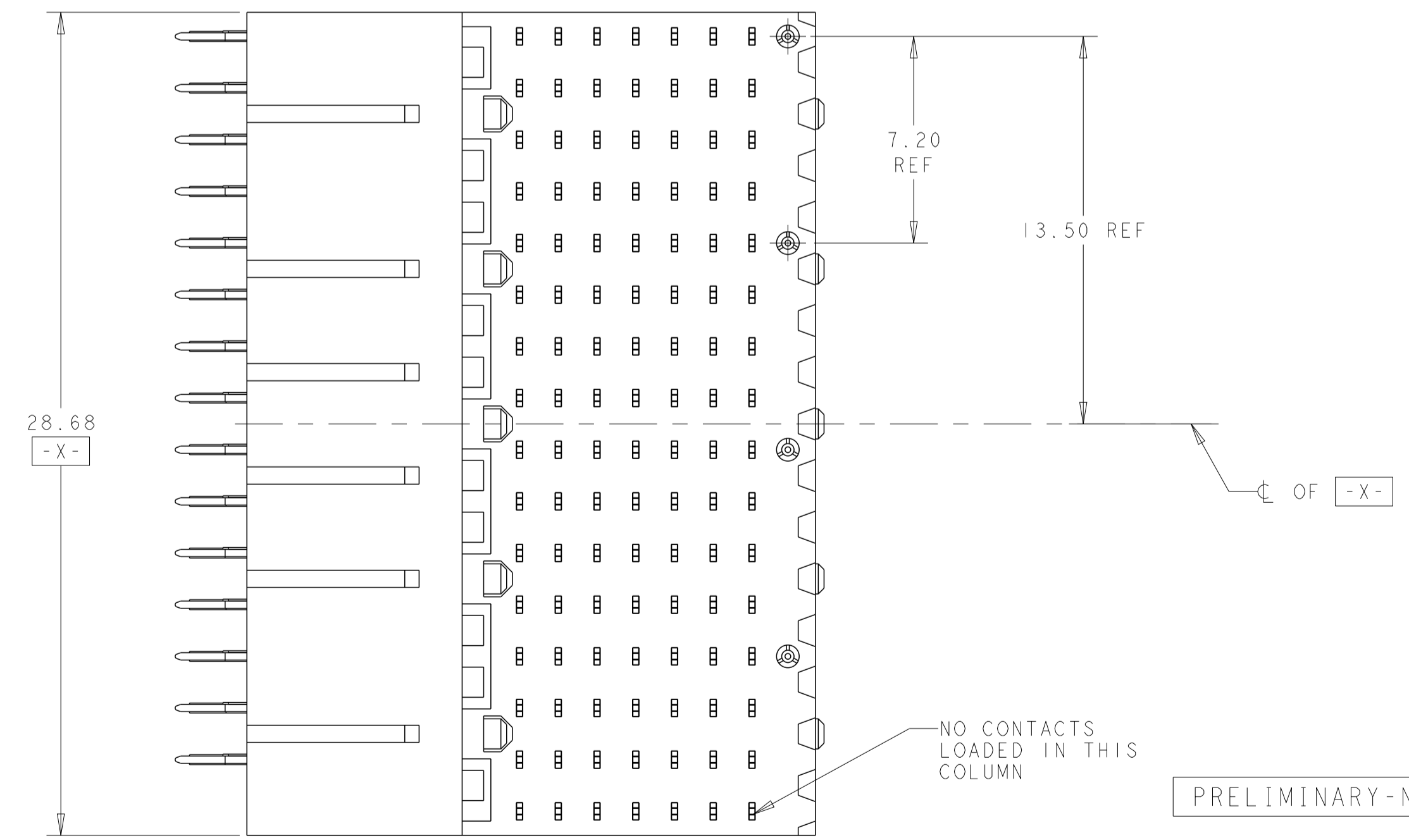
TYPICAL INTERCONNECTIONS FOR EACH EVEN-NUMBERED COLUMN (WAFER): 2, 4, 6, 8, 10, 12, 14,		
CONTACT USAGE	DAUGHTERCARD CONNECTOR PIN	BACKPLANE CONNECTOR PIN
SIGNAL PAIR	bx	cx
SIGNAL PAIR	cx	dx
SIGNAL PAIR	ex	gx
SIGNAL PAIR	fx	hx
GROUND	ax, dx, gx, (ALL COMMONED)	ax, bx, ex, fx, ix

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

NOTE: "x" DESIGNATES THE COLUMN NUMBER



PC BOARD LAYOUT (CONNECTOR SIDE)  
SCALE 5:1



PRELIMINARY-NOT RELEASED FOR PRODUCTION

1410147-3	PLATING	PART NO
1410147-2		
1410147-1		

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN R. TREA 23OCT2003	TE Connectivity	
DIMENSIONS: mm		CHK J. CONSOLI 23OCT2003	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD G. GRIFFITH 14MAR2006	PRODUCT SPEC	
0 PLC ±	1 PLC ±0.5	APPLICATION SPEC		
2 PLC ±0.13	3 PLC ±	SIZE CAGE CODE DRAWING NO RESTRICTED TO		
4 PLC ±	5 PLC ±	SCALE 6:1 SHEET 1 OF 1 REV D		
ANGLES ±1°	FINISH	CUSTOMER DRAWING		
MATERIAL		114-13056		
WEIGHT		A1 - C=1410147		

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[TE Connectivity:](#)

[1410147-1](#)