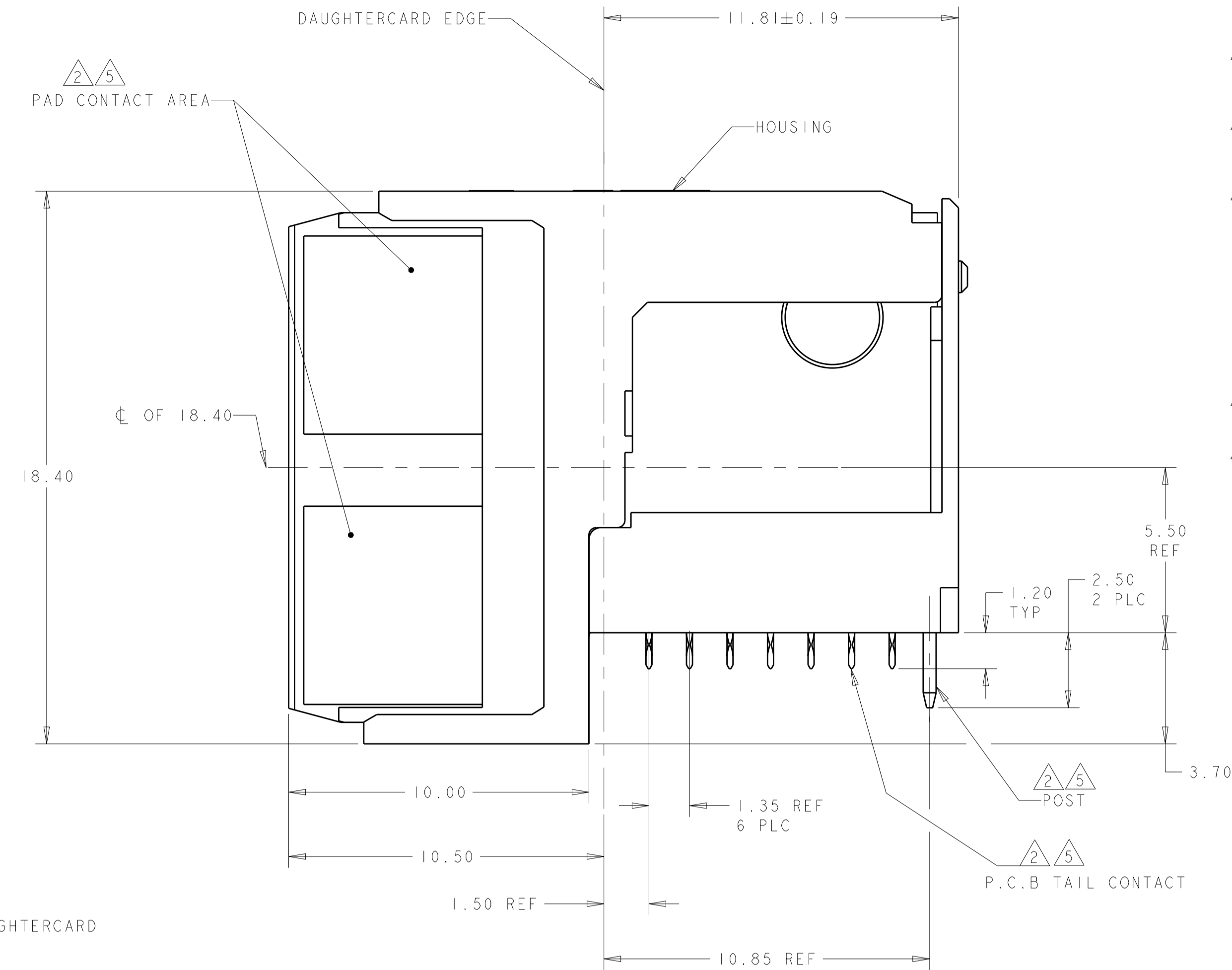
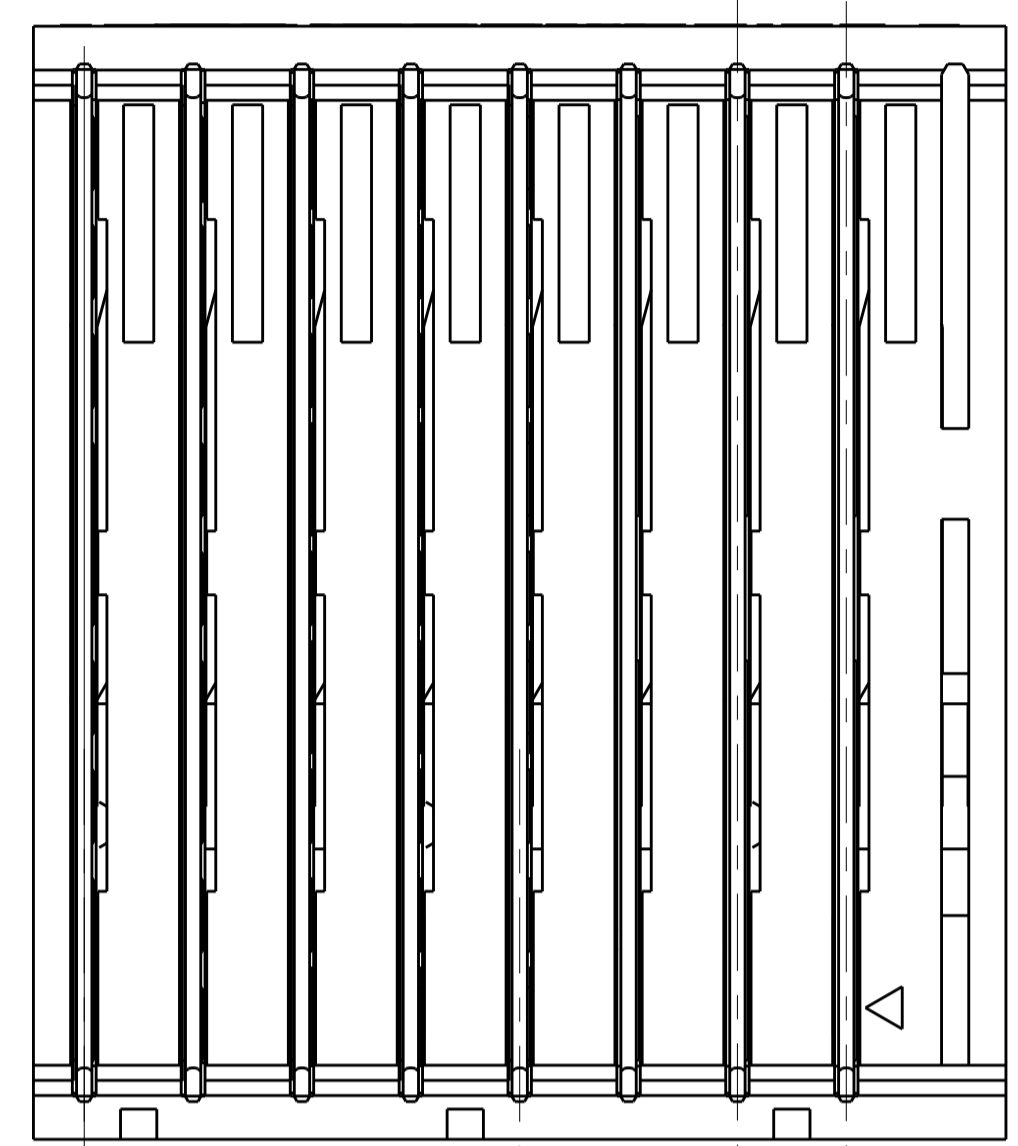


REVISIONS				
P.	LTN	DESCRIPTION	DATE	APP'D
A		RELEASED PER ECO-19-001811	05FEB2019	DCB AT
B		REVISED PER ECO-19-002318	14FEB2019	DCB DH

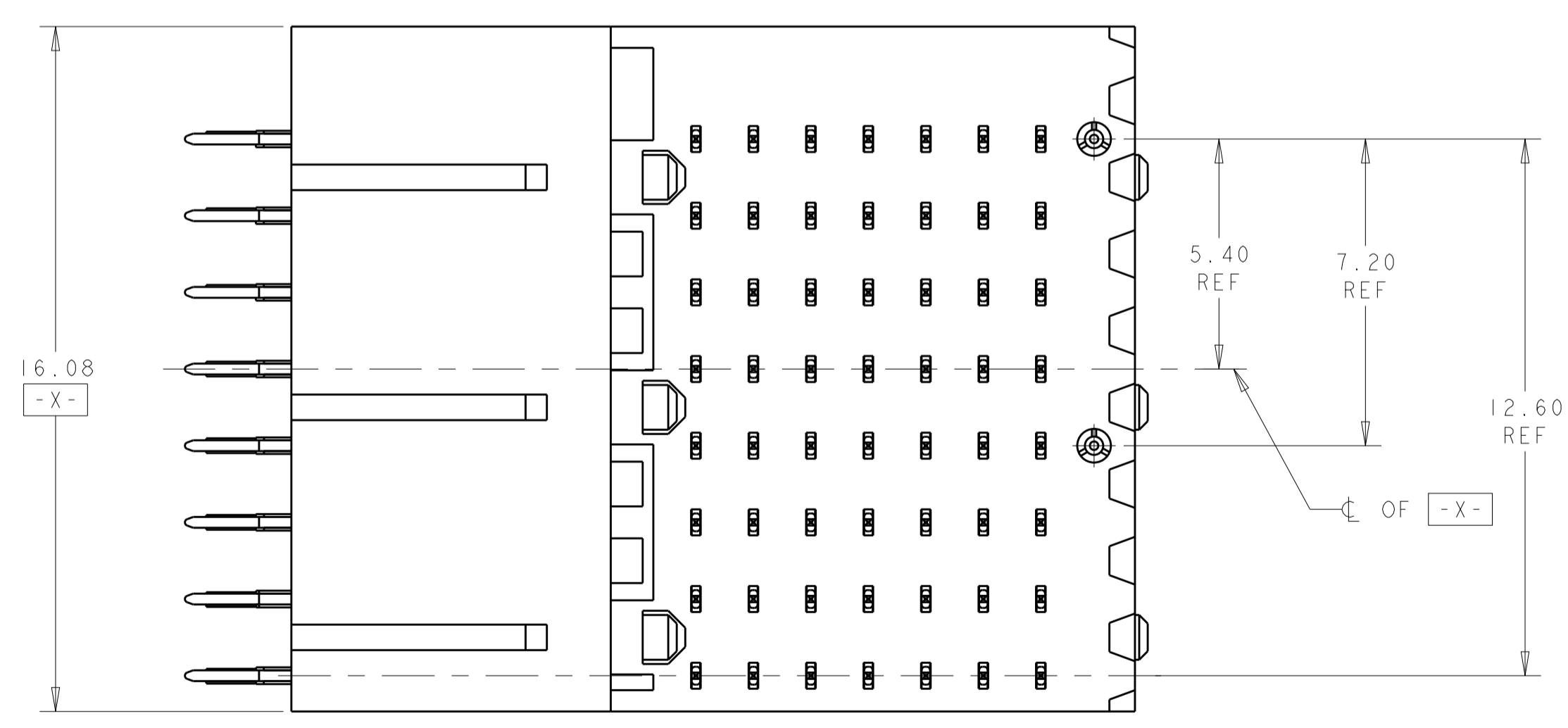
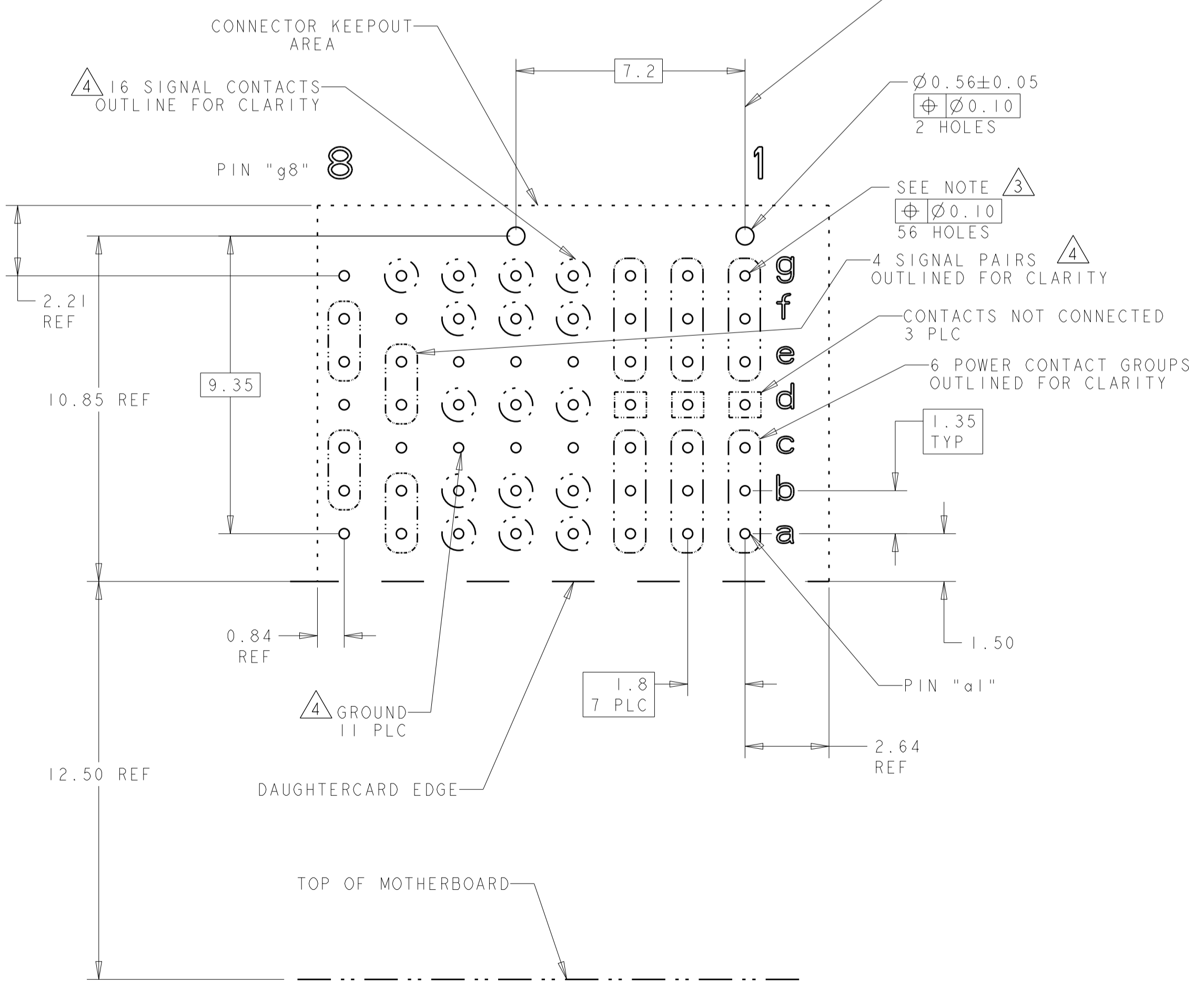


- 1 HOUSING: LCP, UL94V0, COLOR: BLACK.
CONTACT: PHOSPHOR BRONZE.
POST: BRASS WIRE
- 2 CONTACT: 1.27µm MIN GOLD IN PAD CONTACT AREA, 1.27µm MIN TIN-LEAD ON PCB TAIL OVER 1.27µm MIN. NICKEL OVER ALL.
POST: 1.27µm MIN NICKEL PLATED.
- 3 PLATED THRU HOLE SPECIFICATION:
DRILLED HOLE: $\varnothing 0.40 \pm 0.02$
0.025-0.050 THICK COPPER PLATING (MAX HARDNESS 150 KNOOP)
FINISH OPTIONS:
0.0038-0.0124 HOT AIR SOLDER LEVELING (HASL) TIN-LEAD (SnPb)
0.0005-0.004 IMMERSION TIN (Sn)
0.0002-0.0005 ORGANIC SOLDERABILITY PRESERVATIVE (OSP)
0.0001-0.0005 IMMERSION SILVER (Ag)
0.0001-0.0005 IMMERSION GOLD OVER 0.00127-0.0076 NICKEL (ENIG)
FINISH HOLE DIAMETER AFTER PLATING = $\varnothing 0.31$ REF
- 4 SEE TABLE I 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.

TABLE I
INTERCONNECTIONS WITH BACKPLANE CONNECTOR 2302788-1

TYPICAL INTERCONNECTIONS FOR COLUMN (WAFER): 8		
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 COLUMN (WAFER): 7		
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 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 COLUMN (WAFER): 1,2,3		
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

NOTE: "x" DESIGNATES THE COLUMN NUMBER



PC BOARD LAYOUT (CONNECTOR SIDE)
SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. MILLER 09AUG2016	2302786-2
		CHK: A. TSANG 09AUG2016	2302786-1
		APVD: -	PLATING PART NO
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	TE Connectivity
0 PLC ±		1 PLC ±0.5	STE RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW, LEFT END, VPX, MULTIGIG RT 3
2 PLC ±0.13		3 PLC ±	
4 PLC ±		5 PLC ±	
ANGLES ±1°			
MATERIAL	FINISH	114-163004	RESTRICTED TO
	SEE TABLE	WEIGHT 5.41g	A100779C=2302786
		RESTRICTED CUSTOMER	SCALE 5:1 SHEET 1 OF 1 REV B