

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A2	REVISED PER ECO-13-006343	17APR2013	KH	AS

- 1

HOUSING: LCP, UL94V0, COLOR: BLACK.
CONTACT: PHOSPHOR BRONZE.
POST: BRASS WIRE
- 2

CONTACT: 0.76µm 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 $\varnothing 0.46 \pm 0.05$
DIAMETER FINISHED HOLE WITH Sn /PB PLATING:

DRILLED HOLE = $\varnothing 0.55 \pm 0.02$
COPPER PLATING = 0.025-0.050
Sn PB PLATING = 0.0038-0.0124

OR

MANUFACTURING TOLERANCE FOR $\varnothing 0.475 \pm 0.05$
DIAMETER FINISHED HOLE WITHOUT Sn /PB PLATING:

DRILLED HOLE = $\varnothing 0.55 \pm 0.02$
COPPER PLATING = 0.025-0.050
- 4

SEE TABLE 1 FOR INTERCONNECTIONS TO
BACKPLANE CONNECTOR.
- 5

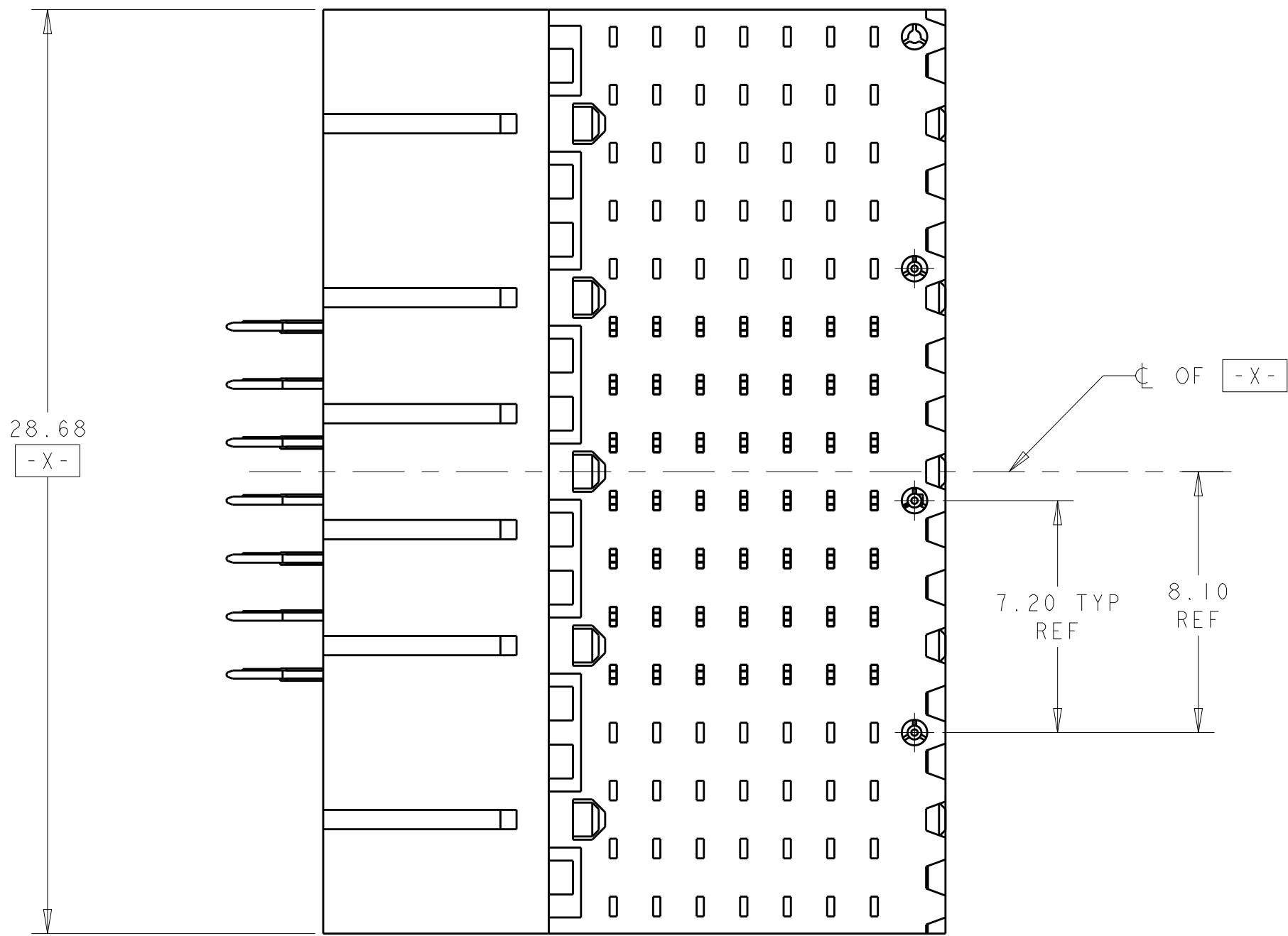
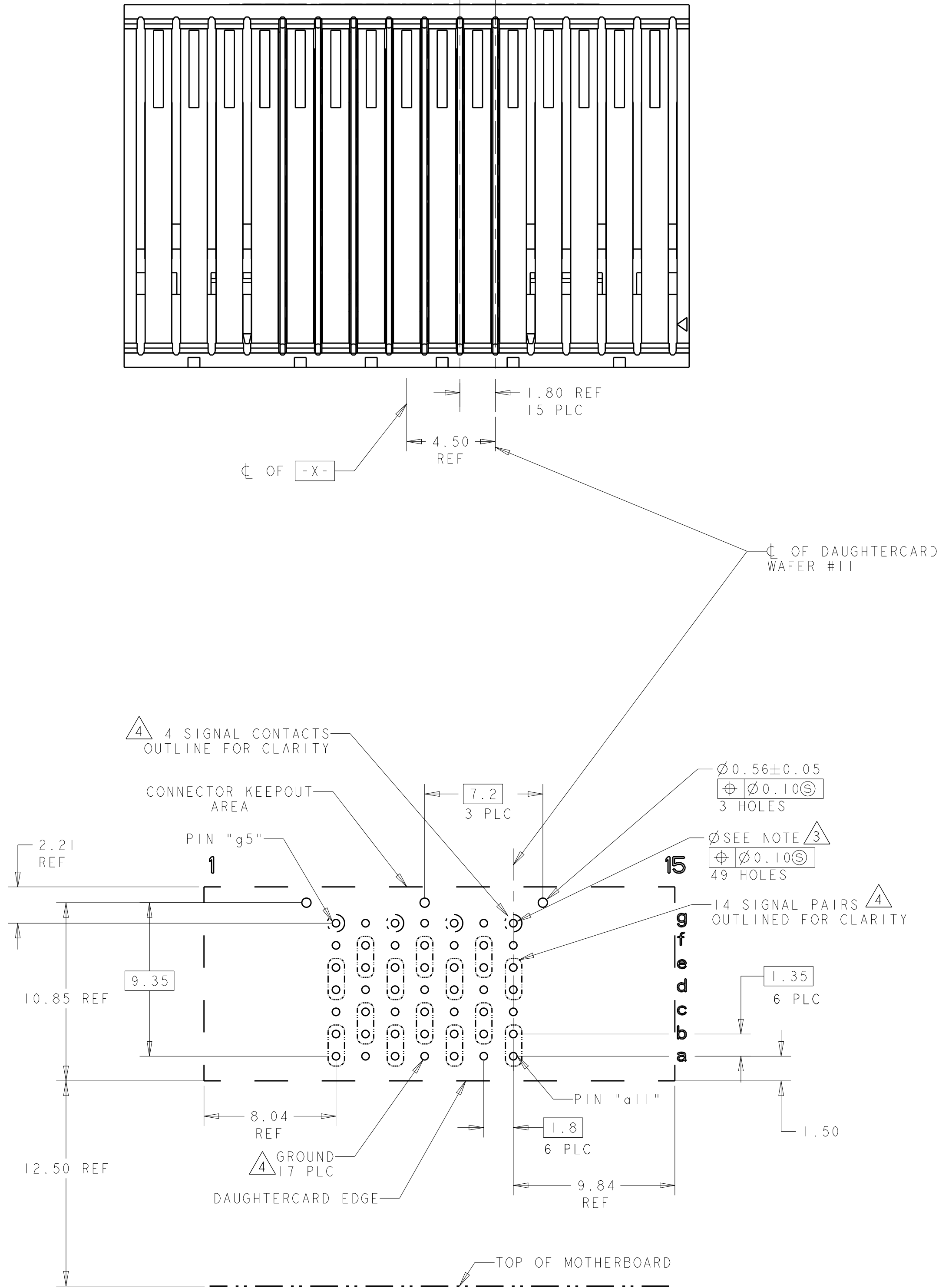
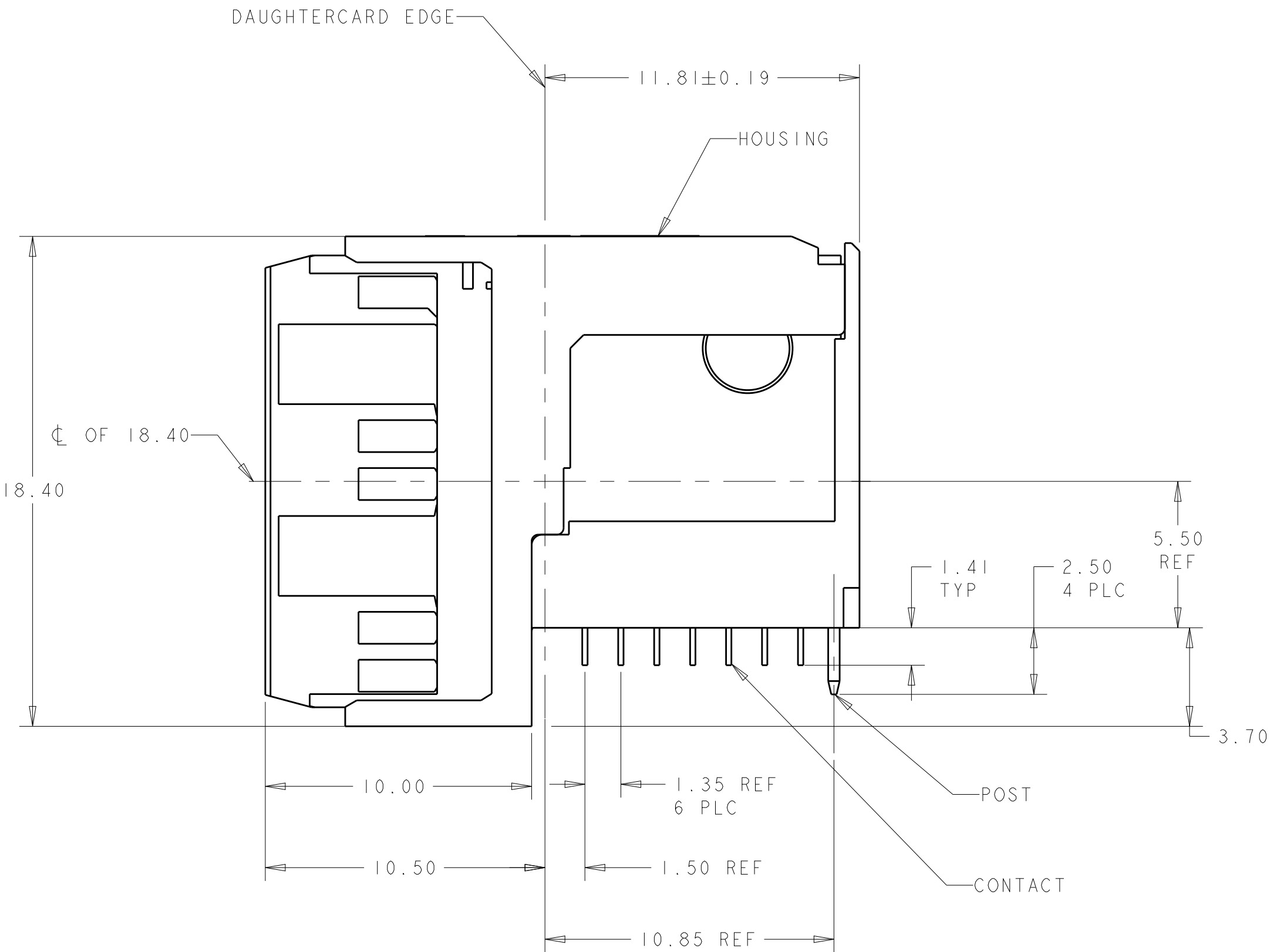
CONTACT: 0.76µm MIN GOLD IN PAD CONTACT AREA
1.27µm MIN TIN ON PCB TAIL OVER 1.27µm MIN
NICKEL OVER ALL.
POST: 1.27µm MIN NICKEL PLATED.

TABLE 1
INTERCONNECTIONS WITH BACKPLANE CONNECTOR 1410140

TYPICAL INTERCONNECTIONS FOR EACH EVEN-NUMBERED COLUMN (WAFER): 6,8,10		
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): 5,7,9,11		
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



PC BOARD LAYOUT
(CONNECTOR SIDE)
SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. CARBO CHK G. GRIFFITH APVD G. GRIFFITH	07SEP2006 07SEP2006 07SEP2006	1410303-2 1410303-1 PART NO	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		TE Connectivity	
0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES FINISH		±0.5 ±0.13 ±0.13 ±0.13 ±0.13 ±0.13 ±0.13		NAME RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW, CENTER, 20.3mm, MultiGig RT2, DAUGHTERCARD CONNECTOR, DIFFERENTIAL	
MATERIAL		114-13056		SIZE CAGE CODE DRAWING NO	
SEE TABLE		WEIGHT -		A100779C=1410303	
CUSTOMER DRAWING		SCALE 5:1		SHEET 1 OF 1	
				REV A2	