

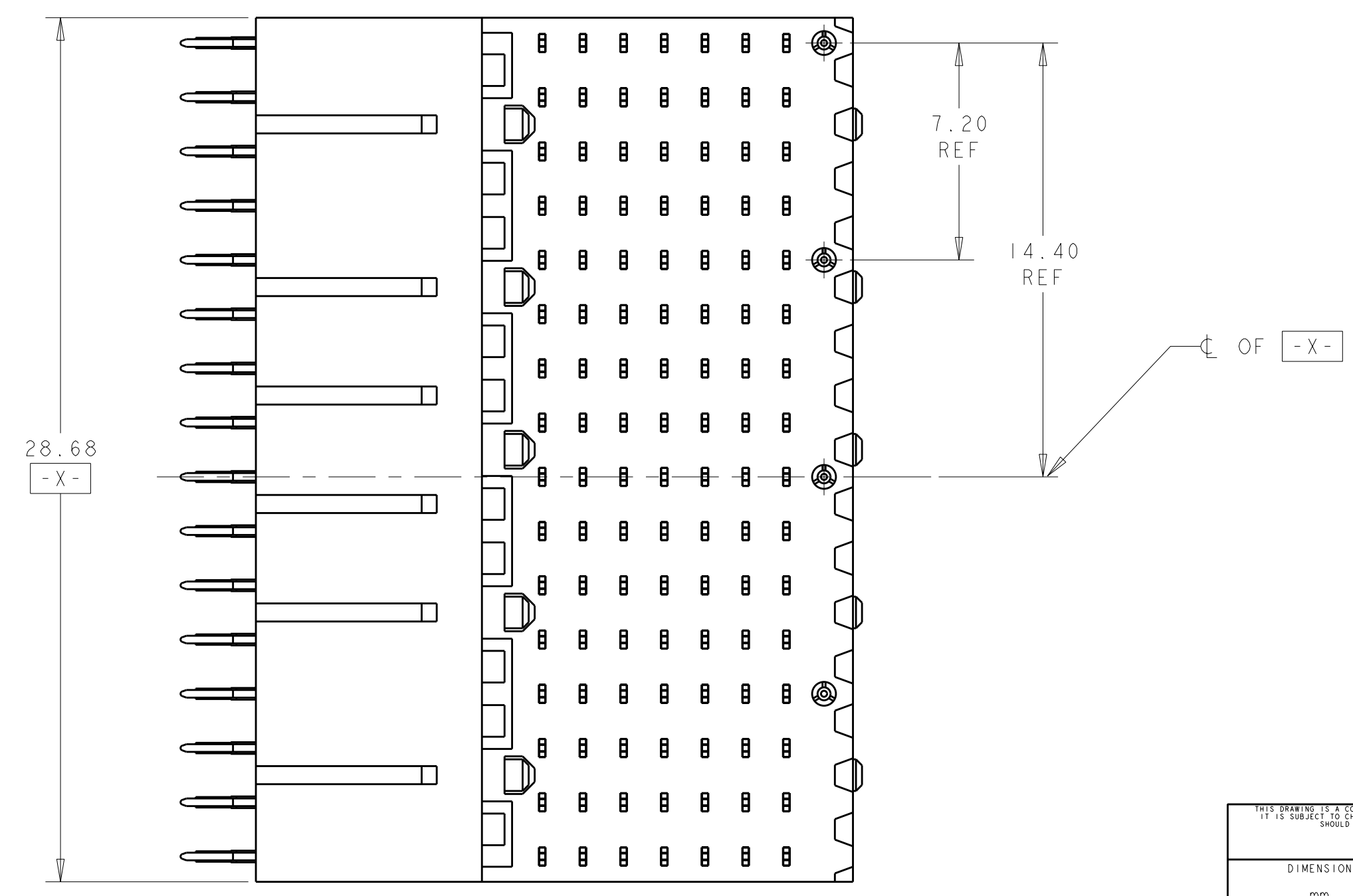
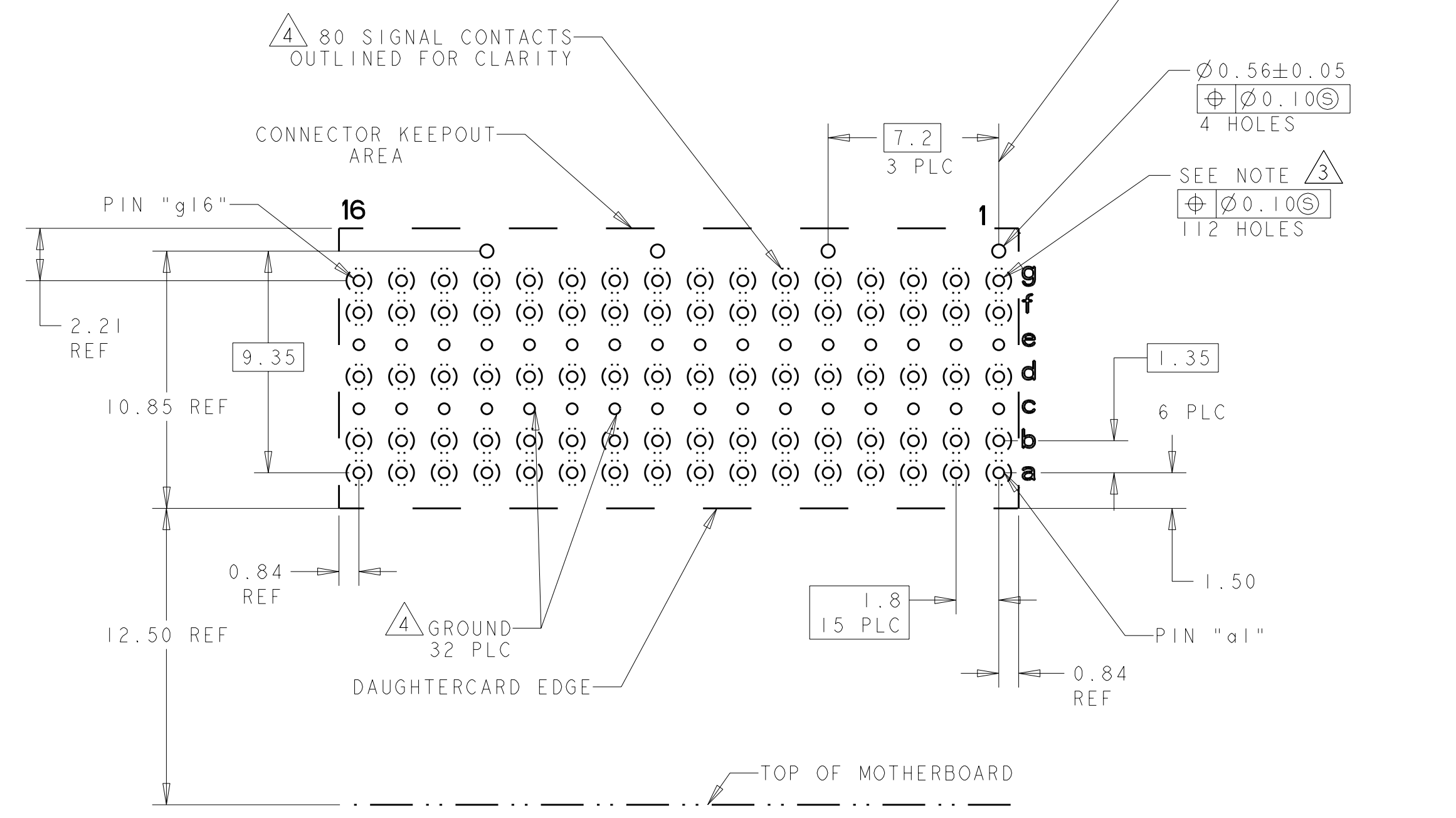
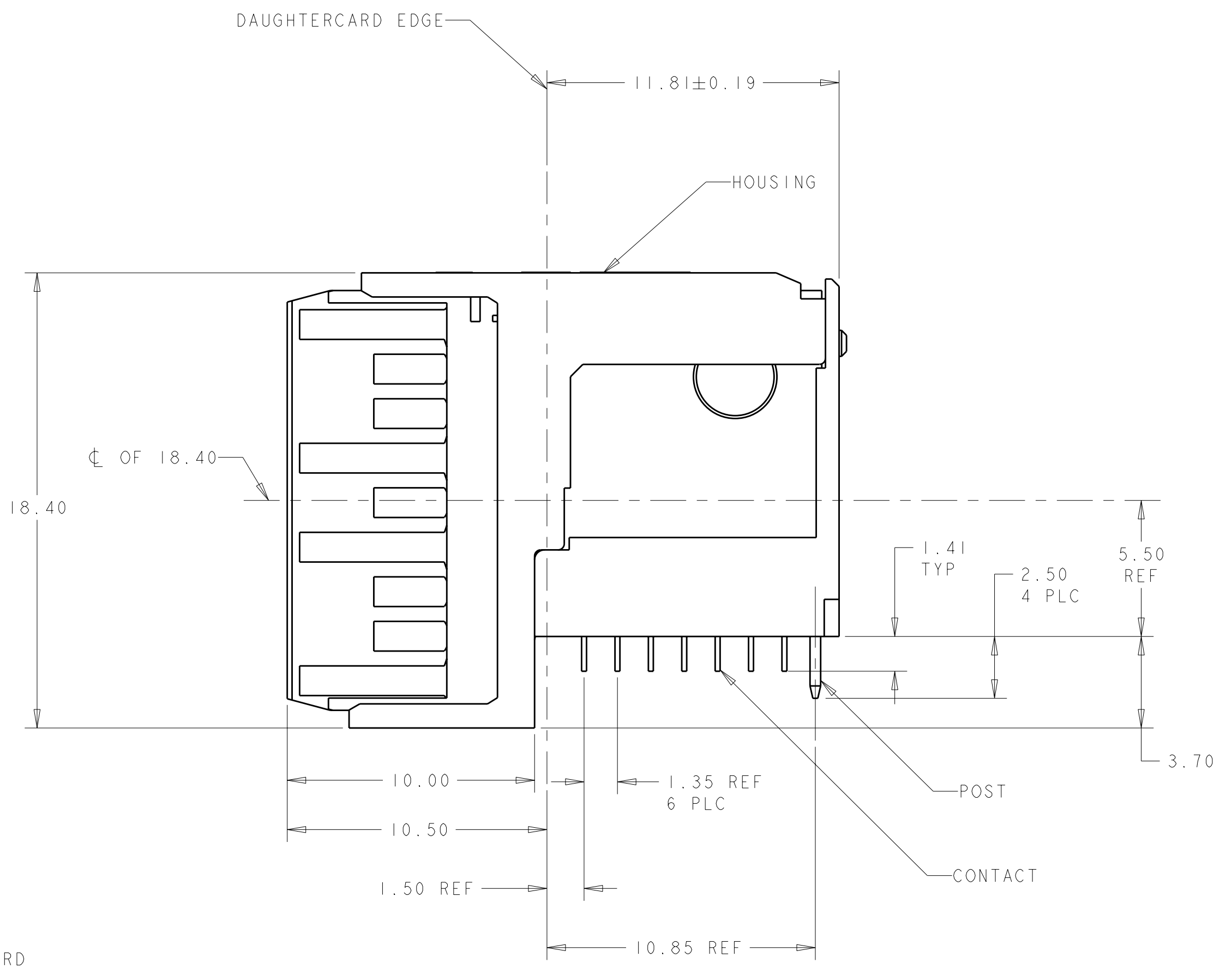
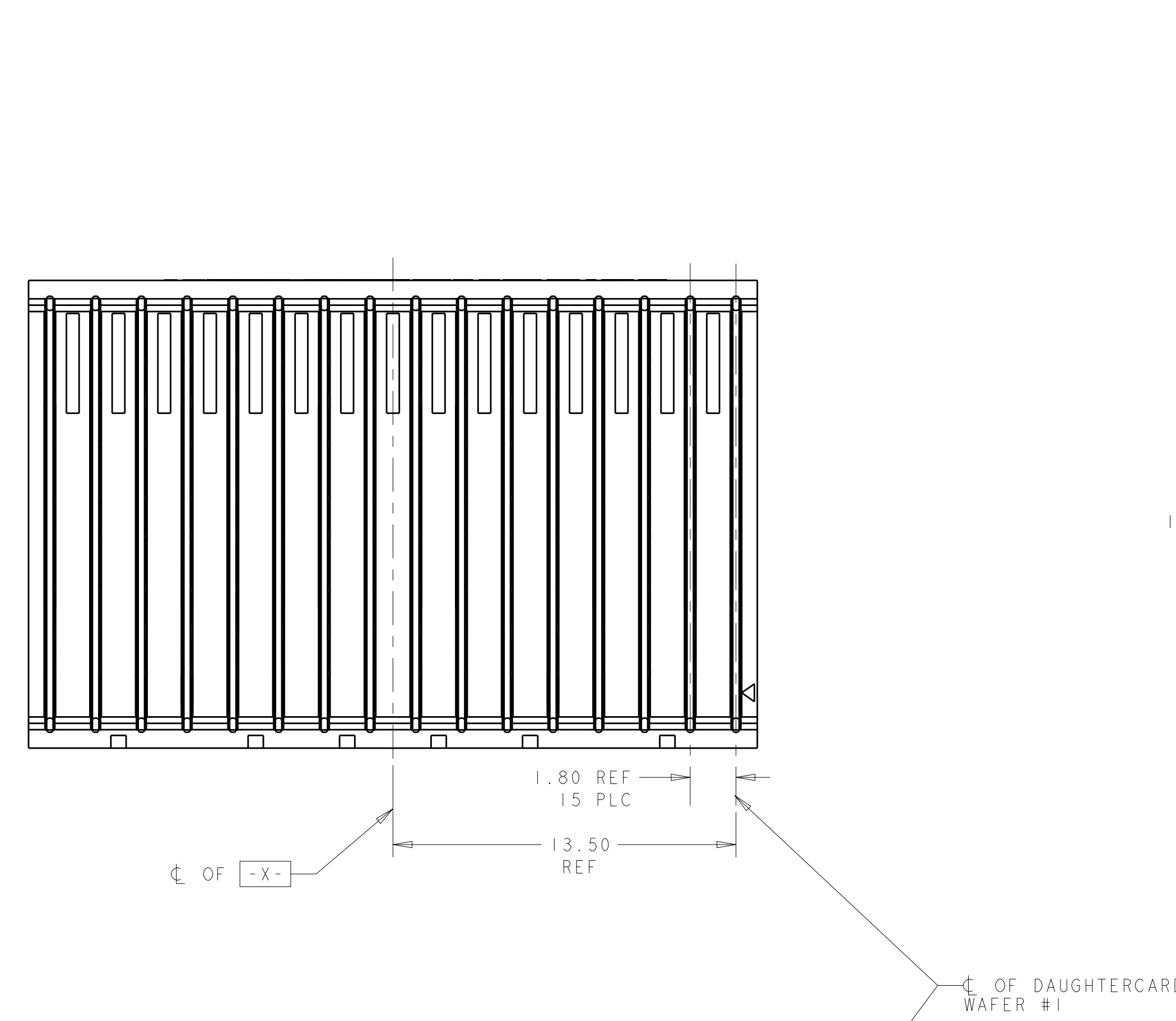
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		A		REV PER ECO-06-005380	14MAR2006	BC	GG
		B		REV PER ECO-08-023009	17SEP2006	RT	GG

- 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 SnPB 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 SnPB 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,  
CONTACT: 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 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 COLUMN (WAFER): 1-16		
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

NOTE: "x" DESIGNATES THE COLUMN NUMBER

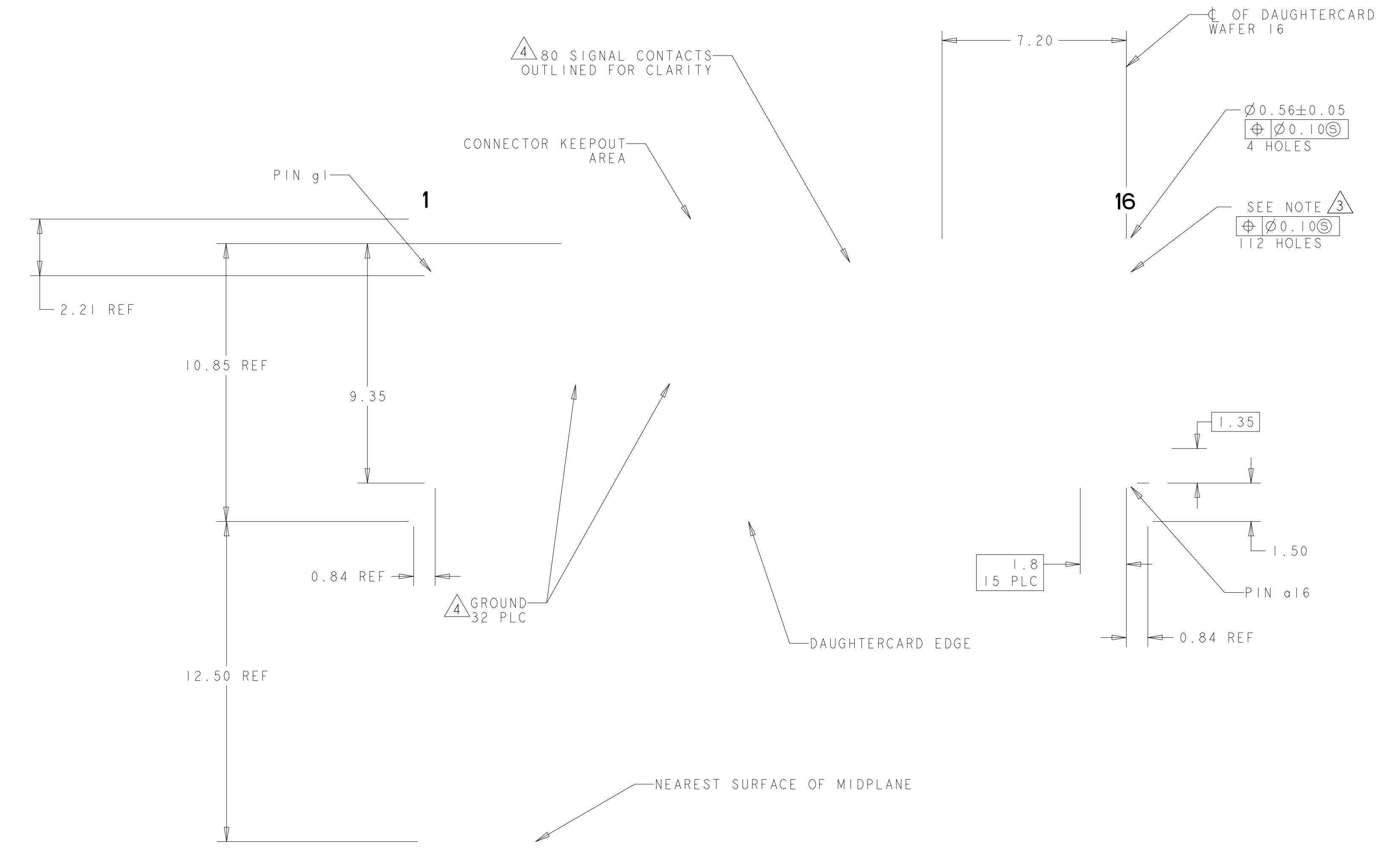


PC BOARD LAYOUT  
(CONNECTOR SIDE)  
SEE SHEET 2 FOR RTM  
SCALE 5:1

DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ± 1 PLC ±0.5 5 PLC ±0.13 4 PLC ± ANGLES ±1°		DWN: L. SIPE 01JUN2004 CHK: J. CONSOLI 01JUN2004 APVD: G. GRIFFITH 14MAR2006 PRODUCT SPEC: 108-2072 APPLICATION SPEC: MultiGig RT2, DAUGHTERCARD CONNECTOR SIZE: 114-13056 WEIGHT: - FINISH: SEE TABLE		Tyco Electronics Harrisburg, PA 17105-3608 NAME: RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW, CENTER, 20.3mm, SINGLE ENDED, MultiGig RT2, DAUGHTERCARD CONNECTOR SIZE: A11 00779 DRAWING NO: C=1410190 SCALE: 5:1 SHEET 1 OF 2 REV B	
MATERIAL:		CUSTOMER DRAWING		PART NO: 1410190-3 1410190-2 1410190-1 PLATING PART NO		RESTRICTED TO	

LOC	DIST	REVISIONS			
P	LTB	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

### REAR TRANSITION MODULE APPLICATION



PC BOARD REAR TRANSITION MODULE  
 SCALE 8:1

<small>THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.</small>		DWN: 01JUN2004 CHK: J.CONSOLO APVD: G.GRIFFITH DATE: 14MAR2006	<b>tyco</b> Electronics Tyco Electronics Harrisburg, PA 17105-3608
DIMENSIONS: mm 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ± 1 PLC ±0.5 2 PLC ±0.13 3 PLC ± 4 PLC ± ANGLES ±1°	NAME: RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW, CENTER, 20.3mm, SINGLE ENDED, MultiGig RT2, DAUGHTERCARD CONNECTOR APPLICATION SPEC: 108-2072 SIZE: 114-13056 WEIGHT: - FINISH: - SEE TABLE	CUSTOMER DRAWING SCALE: 5:1 SHEET: 2 OF 2 REV: B