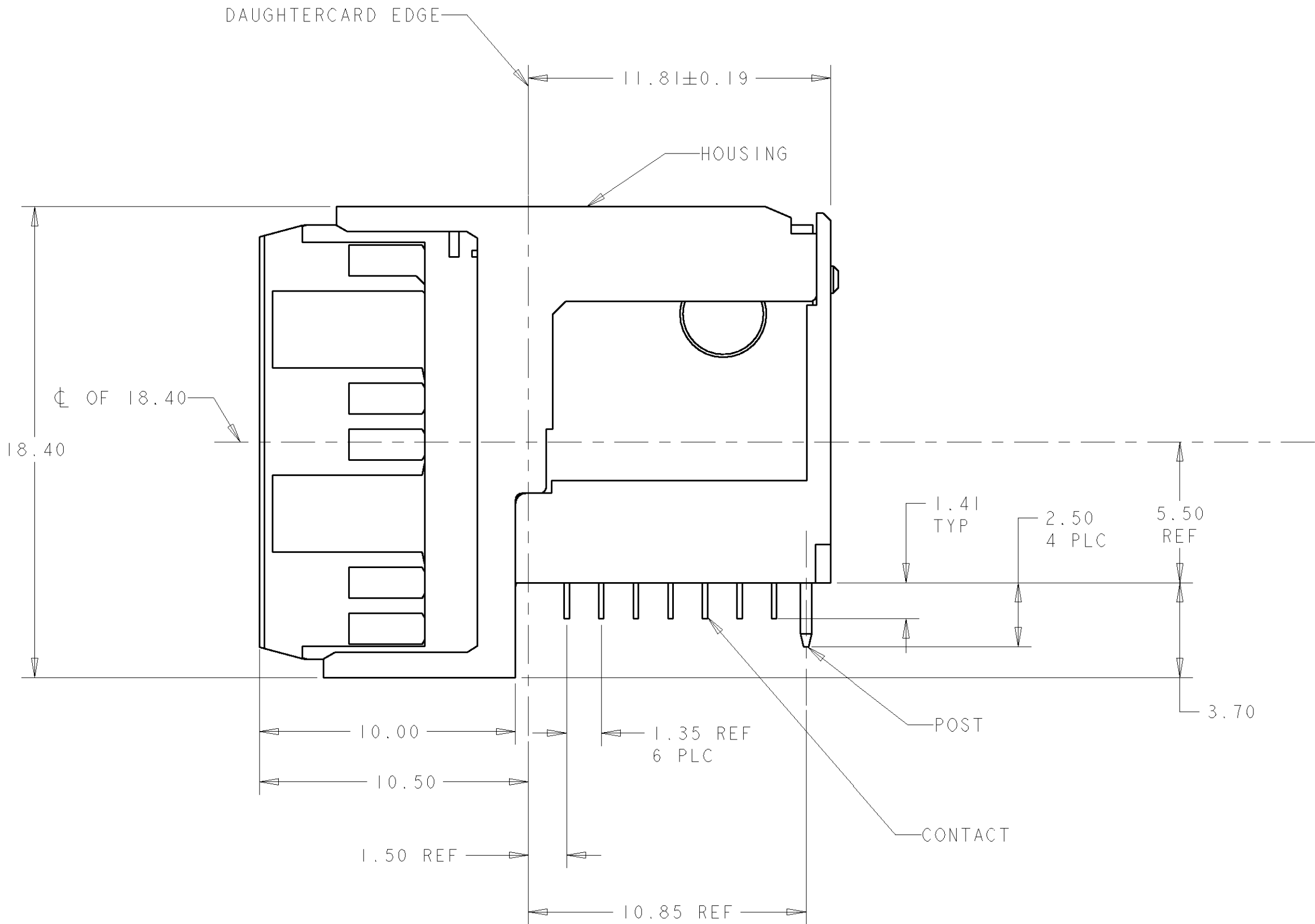
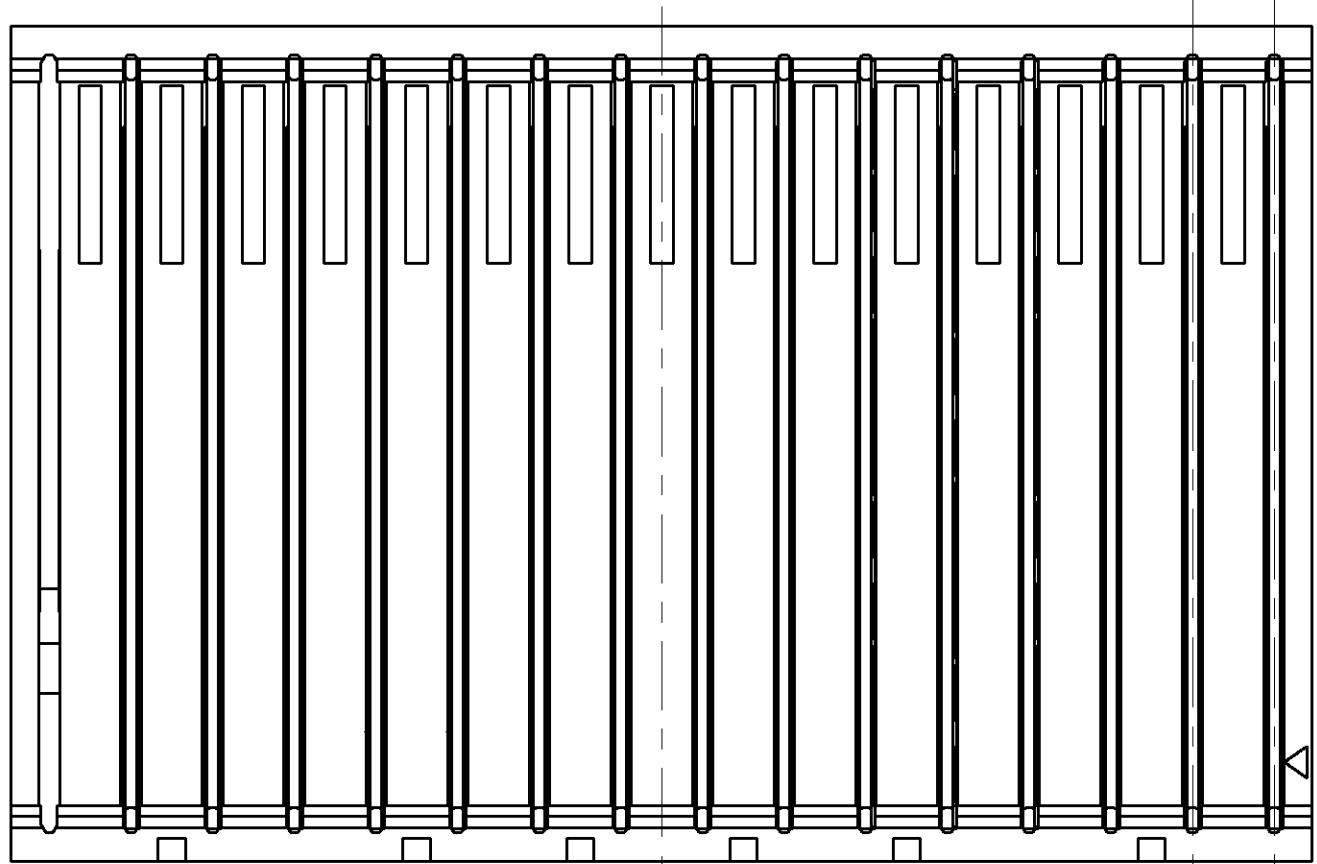


LOC		DIST		REVISIONS				
GP	00	P	LTR	DESCRIPTION		DATE	DWN	APVD
			B1	REVISED PER ECO-11-005294		30APR11	RK	HMR



- 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

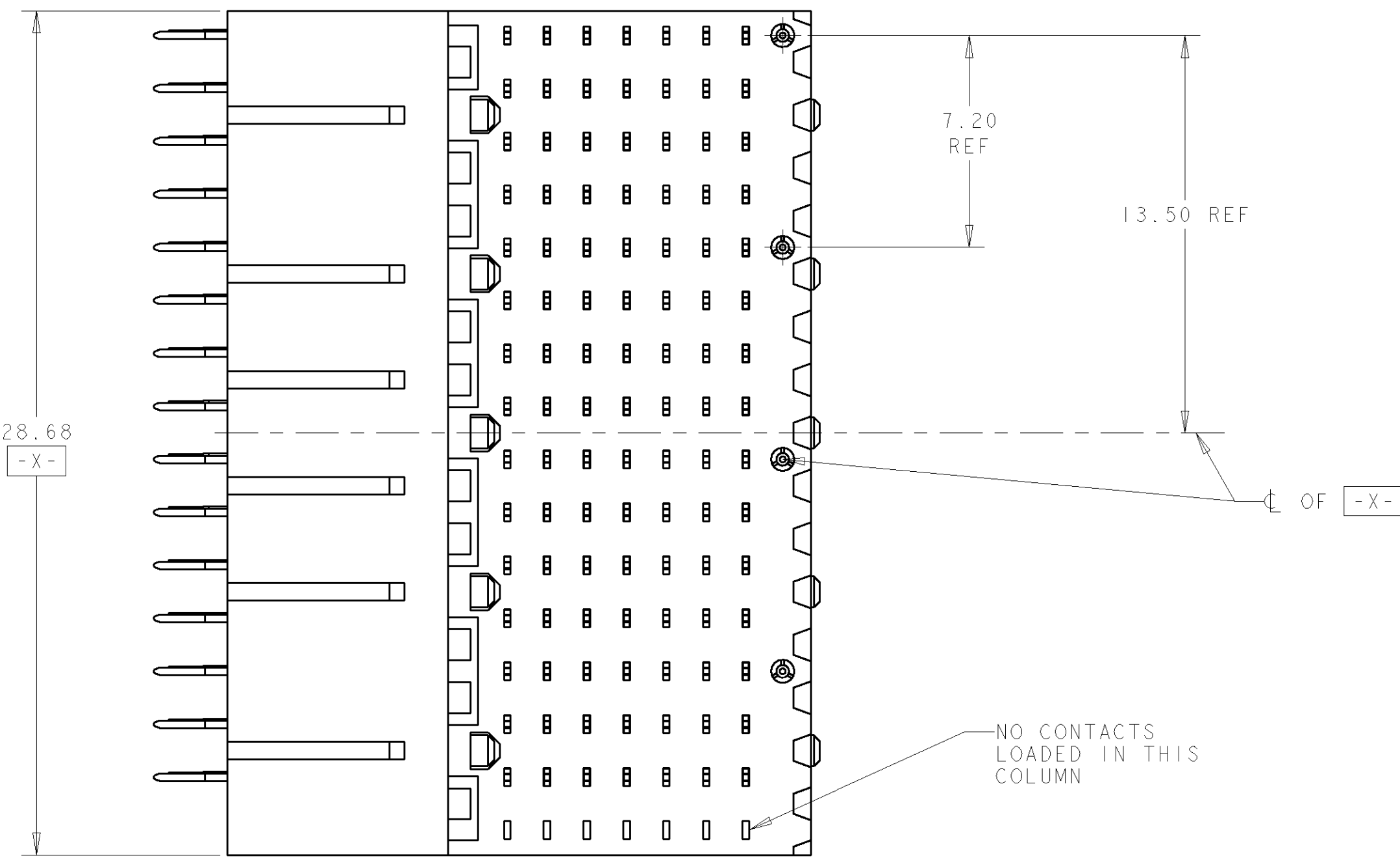
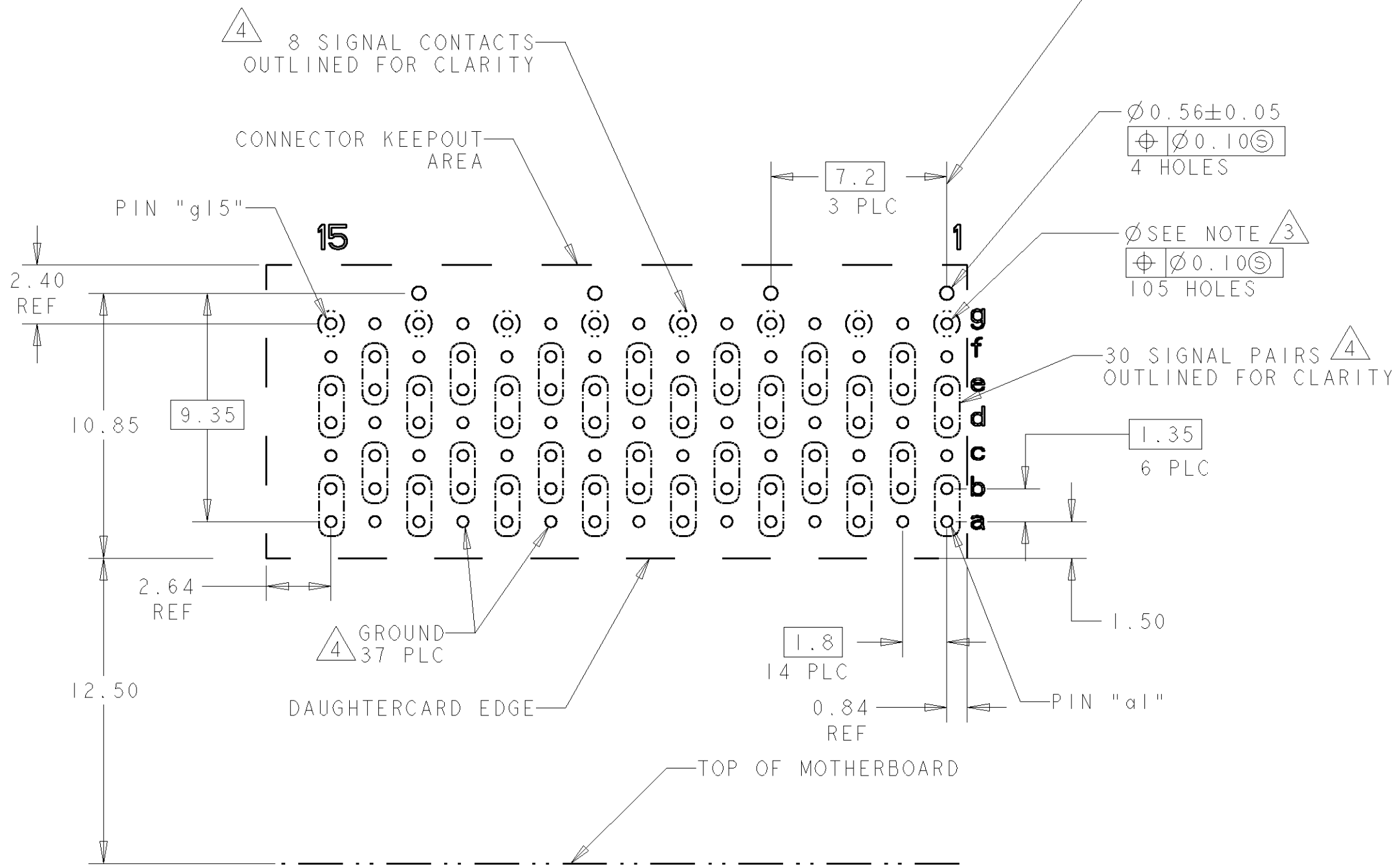
COPPER PLATING = 0.025-0.050
- 4 SEE TABLE 1 FOR INTERCONNECTIONS TO
BACKPLANE CONNECTOR.
- 5 CONTACT: 0.76µm MIN GOLD IN CONTACT AREA.
0.5µm MIN TIN ON COMPLIANT PORTION
OF PCB TAIL OVER 1.27µm MIN NICKEL OVER ALL.
POST: 1.27µm MIN NICKEL PLATED.

TABLE 1
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
	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



PC BOARD LAYOUT
(CONNECTOR SIDE)
SCALE 5:1

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWG R. TREA 23OCT2003		DWG R. TREA 23OCT2003	
mm		9 PLC ±0.5		J. CONSOLI 23OCT2003		J. CONSOLI 23OCT2003	
mm		2 PLC ±0.13		R. GRIFFITH 14MAR2006		R. GRIFFITH 14MAR2006	
mm		3 PLC ±0.13		PRODUCT SPEC		PRODUCT SPEC	
mm		4 PLC ±0.13		APPLICATION SPEC		APPLICATION SPEC	
mm		ANGLES ±1°		114-13056		114-13056	
MATERIAL		FINISH		WEIGHT		WEIGHT	
-X-		-2		-		-	
CUSTOMER DRAWING		SCALE		SHEET		REV	
		3:1		1		B1	

5	1410147-2
2	1410147-1
PLATING	PART NO

TE Connectivity

RIGHT-ANGLE PLUG ASSEMBLY, VITA 41,
15 WAFER, CENTER, 20.3mm, MultiGig
RT2, DAUGHTERCARD CONNECTOR

SIZE: 00779 C=1410147

RESTRICTED TO