

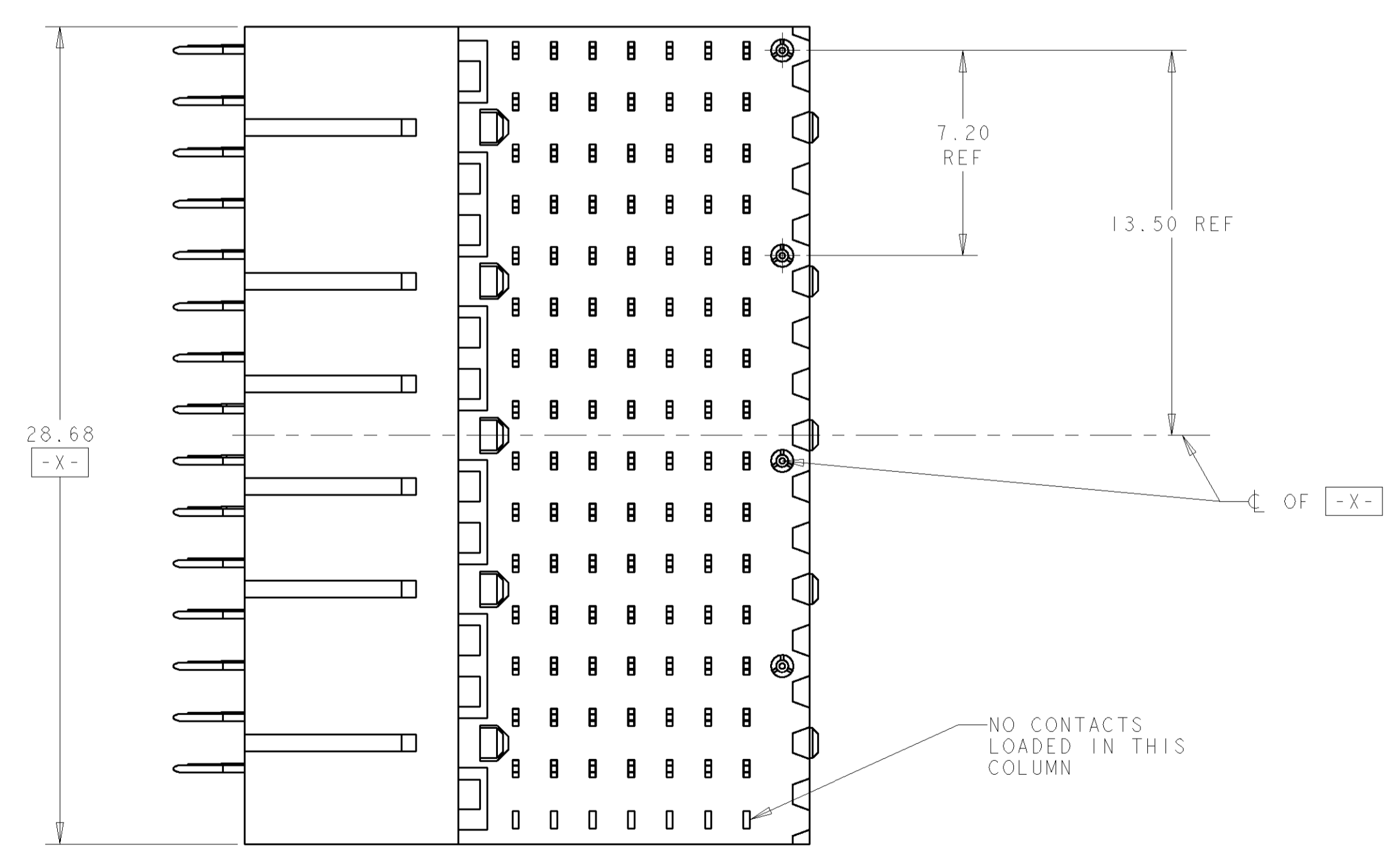
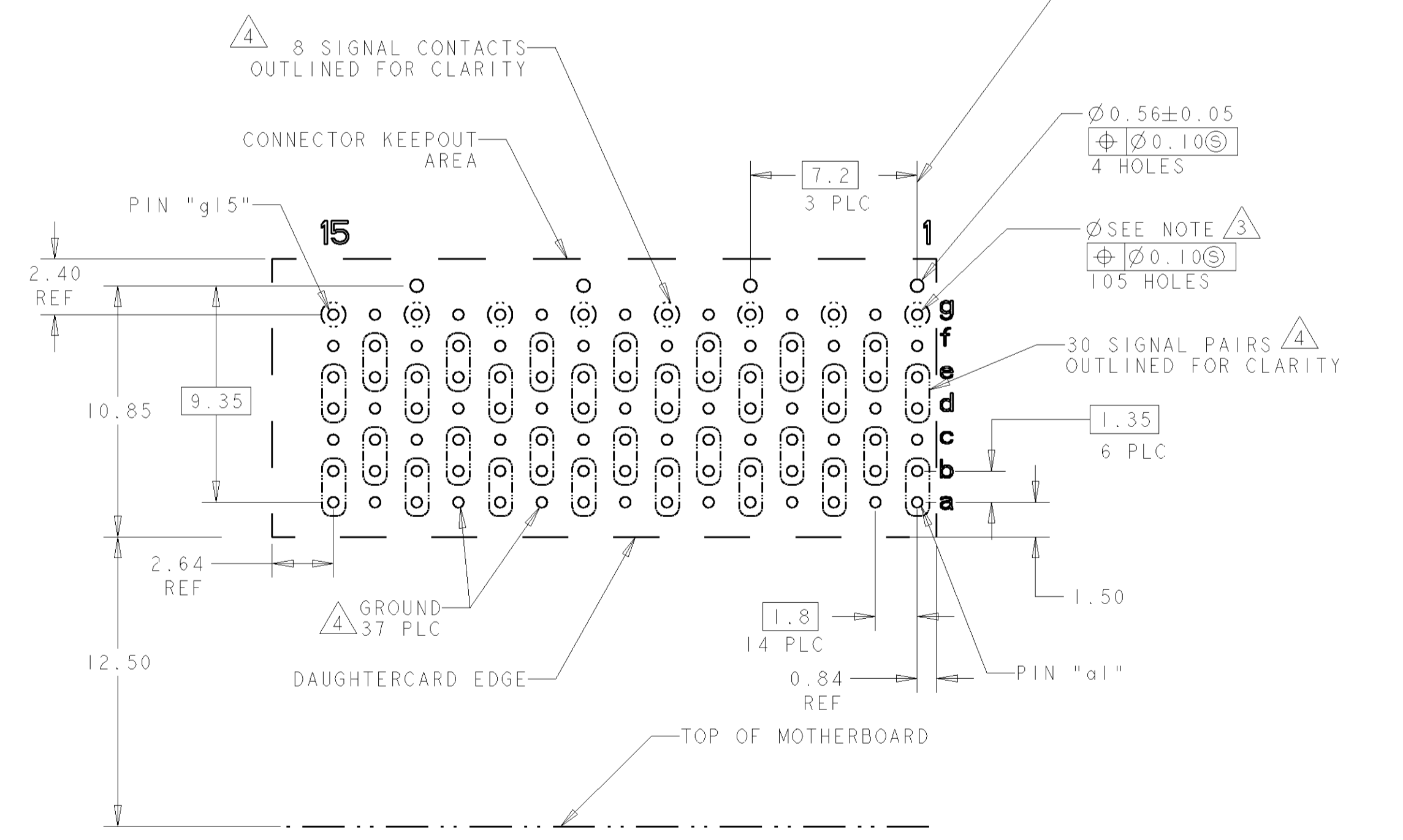
- 1 HOUSING: LCP, UL94V0, COLOR: BLACK.  
CONTACT: PHOSPHOR BRONZE.  
POST: BRASS WIRE
- 2 CONTACT: 0.76µm MIN GOLD IN CONTACT AREA.  
0.5µm MIN TIN-LEAD ON COMPLIANT PORTION  
OF PCB TAIL OVER 1.27µm MIN NICKEL OVER ALL.  
POST: 1.27µm MIN NICKEL PLATED.
- 3 MANUFACTURING TOLERANCE FOR  $\phi 0.46 \pm 0.05$   
DIAMETER FINISHED HOLE WITH Sn/PB PLATING:  
DRILLED HOLE =  $\phi 0.55 \pm 0.02$   
COPPER PLATING = 0.025-0.050  
Sn PB PLATING = 0.0038-0.0124  
OR  
MANUFACTURING TOLERANCE FOR  $\phi 0.475 \pm 0.05$   
DIAMETER FINISHED HOLE WITHOUT Sn/PB PLATING:  
DRILLED HOLE =  $\phi 0.55 \pm 0.02$   
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 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 PAIR	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:		DRN: TREA 23OCT2003		DWG: 23OCT2003		REV: J. CONSOLI		DATE: 14MAR2006		APVD: G. GRIFFITH		NAME: RIGHT-ANGLE PLUG ASSEMBLY, VITA 41, 15 WAFER, CENTER, 20.3mm, MultiGig RT2, DAUGHTERCARD CONNECTOR	
mm	0 PLC ±	1 PLC ±0.5	2 PLC ±0.13	3 PLC ±	4 PLC ±	5 PLC ±	6 PLC ±	7 PLC ±	8 PLC ±	9 PLC ±	10 PLC ±	11 PLC ±	12 PLC ±	13 PLC ±	14 PLC ±
	ANGLES	±1°		FINISH		-2		MATERIAL		-1		WEIGHT		-	
CUSTOMER DRAWING										SCALE: 3:1		SHEET: 1 OF 1		REV: B1	

