

LOC	DIST	REVISIONS					
DF	A5	P	LTR	DESCRIPTION	DATE	DWN	APVD
			I	DRAWN	05AUG2009	BY	MM

- △

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

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.
- △

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:

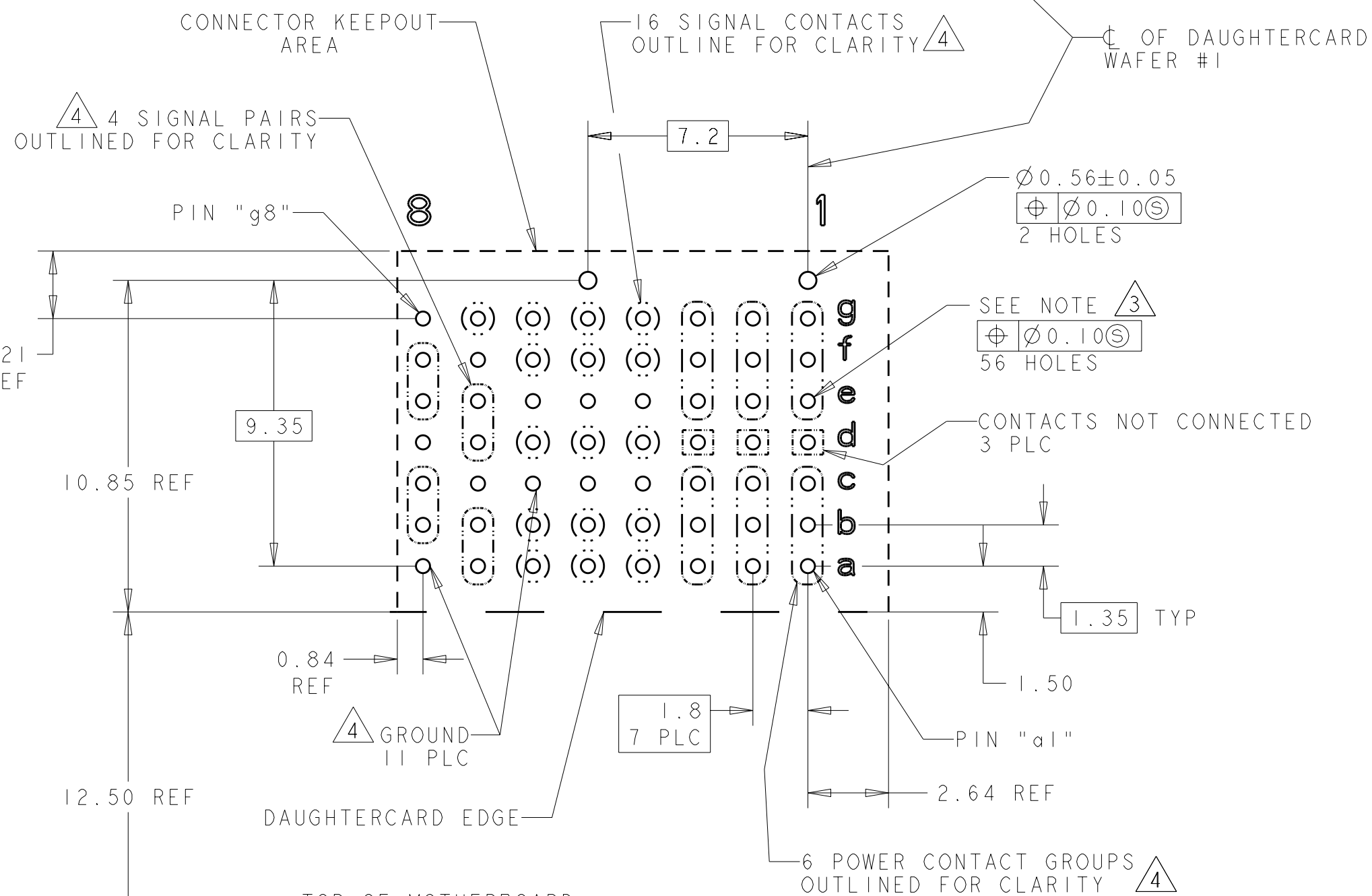
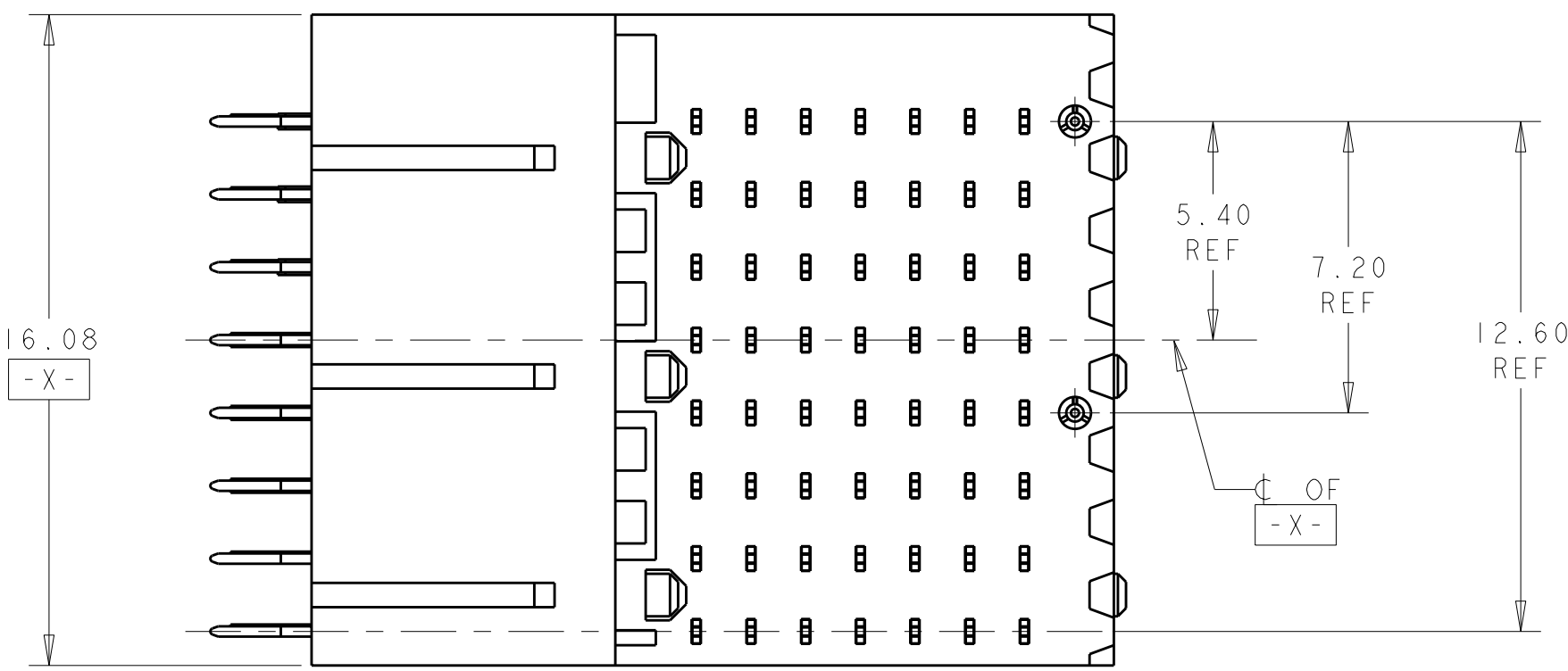
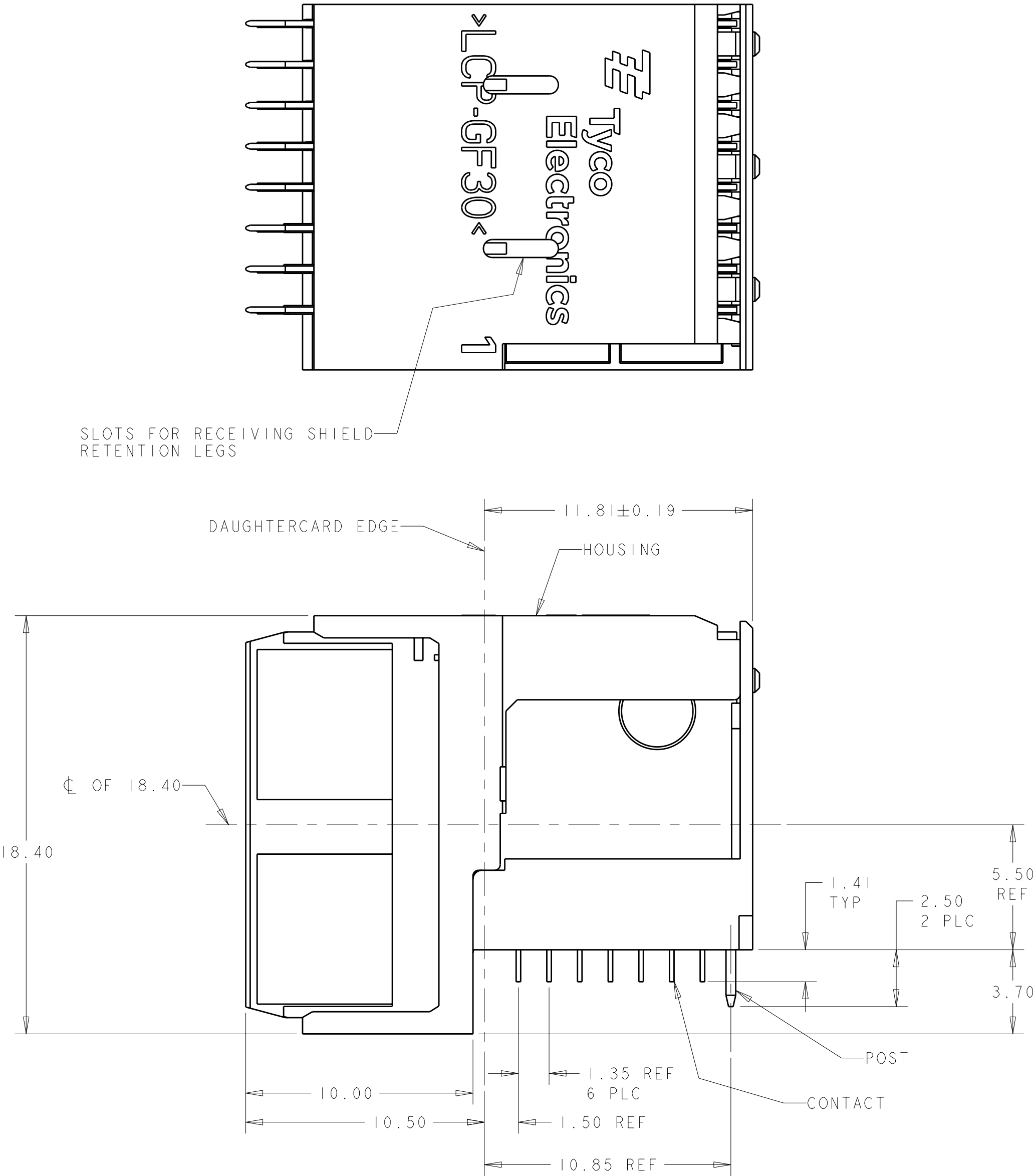
DRILLED HOLE = $\varnothing 0.55 \pm 0.02$
COPPER PLATING = 0.025-0.050
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SEE TABLE 1 FOR INTERCONNECTIONS TO BACKPLANE CONNECTOR.

TABLE 1
INTERCONNECTIONS WITH BACKPLANE
CONNECTOR 1410186

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, fx, (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



THIS PRODUCT HAS NOT COMPLETED VALIDATION TESTING

THIS PRINT IS
PRELIMINARY
UNQUALIFIED PRODUCT
CONTACT PRODUCT ENGINEERING
BEFORE USING THIS PRINT

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN: 5AUG2009		APVD: 3SEP2009		NAME: M.R. MCALONIS		PRODUCT SPEC: 108-2072		APPLICATION SPEC: 114-13056		WEIGHT: -		CUSTOMER DRAWING	
mm		0.13		0.13		0.13		0.13		0.13		0.13		0.13		0.13	
MATERIAL		FINISH		SEE TABLE		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO		SCALE		SHEET	
△		△		△		A1		00779		C=2000875		-		6:1		1	
2		PLATING		2000875-1		PART NO		tyco		Tyco Electronics		Harrisburg, PA 17105-3608		RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW, HALF LEFT END, 20.3mm, MULTIGIG RT2 MGX, DAUGHTERCARD CONNECTOR, VITA 46		1	