

① HOUSING: LCP, UL94V0, COLOR: BLACK.
CONTACT: PHOSPHOR BRONZE.
POST: BRASS WIRE

② CONTACT: 0.76 μ m MIN GOLD IN CONTACT AREA.
1.27 μ m MIN. TIN-LEAD ON PCB TAIL
OVER 1.27 μ m MIN. NICKEL OVER ALL.
POST: 1.27 μ m MIN NICKEL PLATED.

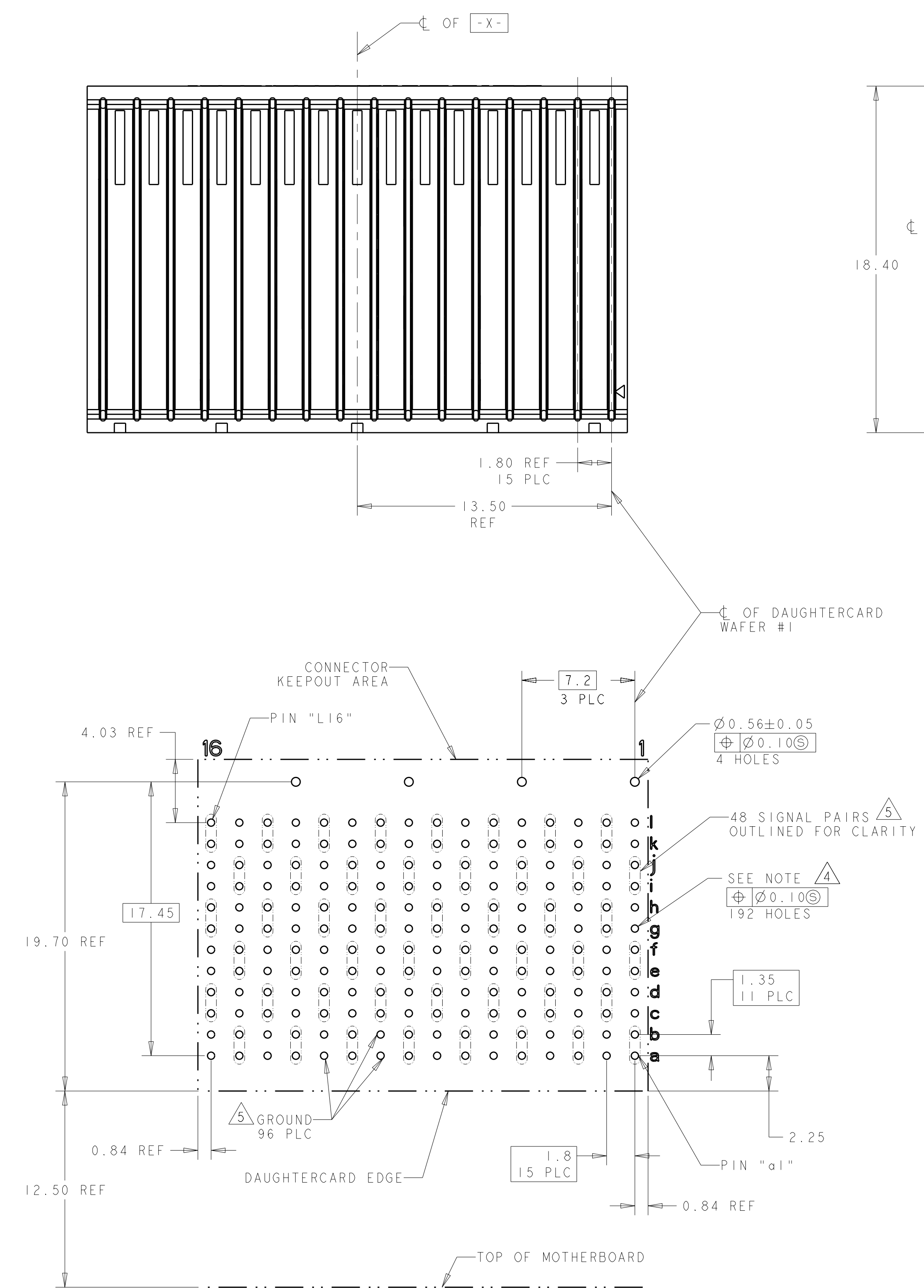
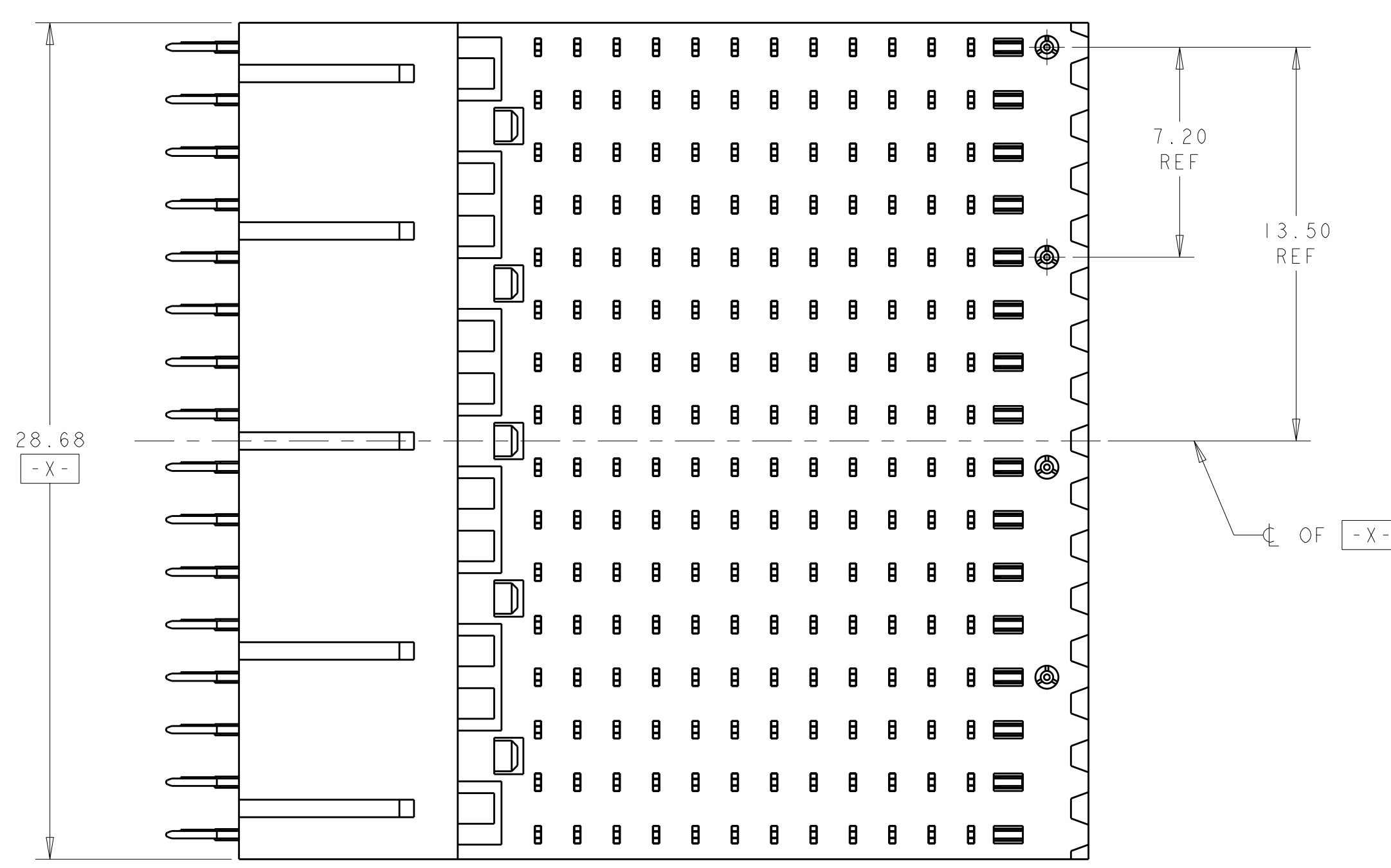
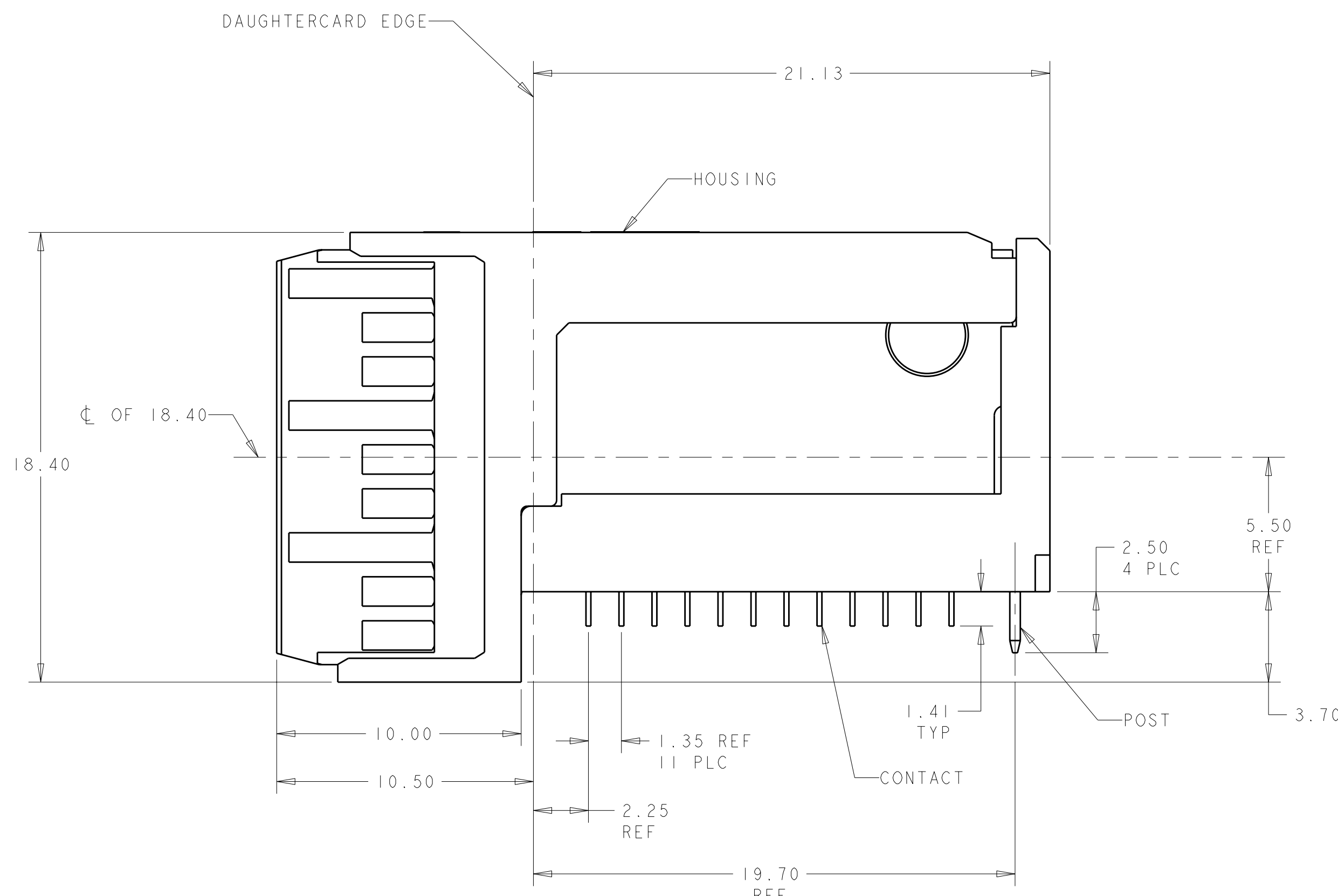
③ CONTACT: 0.76 μ m MIN GOLD IN CONTACT AREA.
1.27 μ m MIN. TIN ON PCB TAIL
OVER 1.27 μ m MIN. NICKEL OVER ALL.
POST: 1.27 μ m MIN NICKEL PLATED.



④ MANUFACTURING TOLERANCE FOR:
 $\varnothing 0.46 \pm 0.05$ 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
 $\varnothing 0.475 \pm 0.05$ FINISHED HOLE WITHOUT Sn PB PLATING:
DRILLED HOLE = $\varnothing 0.55 \pm 0.02$
COPPER PLATING = $0.025 - 0.050$

⑤ SEE TABLE I FOR INTERCONNECTIONS TO
BACKPLANE CONNECTOR.

TYPICAL INTERCONNECTIONS FOR EACH EVEN-NUMBERED COLUMN (WAFER): 2, 4, 6, 8, 10, 12, 14, 16		
CONTACT USAGE	DAUGHTERCARD CONNECTOR PIN	BACKPLANE CONNECTOR PIN
SIGNAL PAIR	c x	b x
	d x	c x
SIGNAL PAIR	g x	e x
	h x	f x
SIGNAL PAIR	k x	h x
	l x	i x
GROUND	a x, b x, e x, f x, i x, j x (ALL COMMONED)	a x, d x, g x

TYPICAL INTERCONNECTIONS FOR EACH ODD-NUMBERED COLUMN (WAFFER): 1, 3, 5, 7, 9, 11, 13, 15		
CONTACT USAGE	DAUGHTERCARD CONNECTOR PIN	BACKPLANE CONNECTOR PIN
SIGNAL PAIR	a x	a x
	b x	b x
SIGNAL PAIR	e x	d x
	f x	e x
SIGNAL PAIR	i x	g x
	j x	h x
GROUND	c x, d x, g x, h x, k x, l x (ALL COMMON)	c x, f x, i x



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 05NOV2002 R TREA CHK 18NOV2002 J CONSOLI APVD 14MAR2006 G GRIFFITH PRODUCT SPEC 108-2072 APPLICATION SPEC 114-13056		<div><div>3</div><div>2</div></div> <div>1410137-2 1410137-1 PLATING PART NO</div>		
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±. 4 PLC ±. ANGLES ±1°		STE TE Connectivity NAME RIGHT-ANGLE PLUG ASSEMBLY CENTER, 20.3mm, MultiGig RT2, DIFFERENTIAL, DAUGHTERCARD CONNECTOR		
MATERIAL	FINISH	WEIGHT	SIZE	CASE CODE	DRAWING NO	RESTRICTED TO
	SEE TABLE	-	A1	00779	C-1410137	-
CUSTOMER DRAWING			SCALE	5:1	SHEET 1 OF 1	REV B

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[1410137-2](#)