

LOC	DIST	REV	DESCRIPTION	DATE	OWN	APVD
B			RELEASED PER ECO-13-004502	12MAR2013	KM	DH
C			REVISED PER ECO-13-008265	15MAY2013	DB	DH

- ① HOUSING: LCP, UL94V0. COLOR: BLACK.
CONTACT: PHOSPHOR BRONZE.
POST: BRASS WIRE
- ② 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.
- ③ PLATED THROUGH HOLE PER 114-13056, FIGURE 4
- ④ SEE TABLE 1 FOR INTERCONNECTIONS TO BACKPLANE CONNECTOR.
- ⑤ CONTACT: 1.27µm MIN GOLD IN PAD CONTACT AREA,
1.27µm MIN TIN ON PCB TAIL OVER 1.27µm MIN.
NICKEL OVER ALL.
POST: 1.27µm MIN NICKEL PLATED.

TABLE 1
INTERCONNECTIONS WITH BACKPLANE CONNECTOR
2102736-1 OR 2102851-1

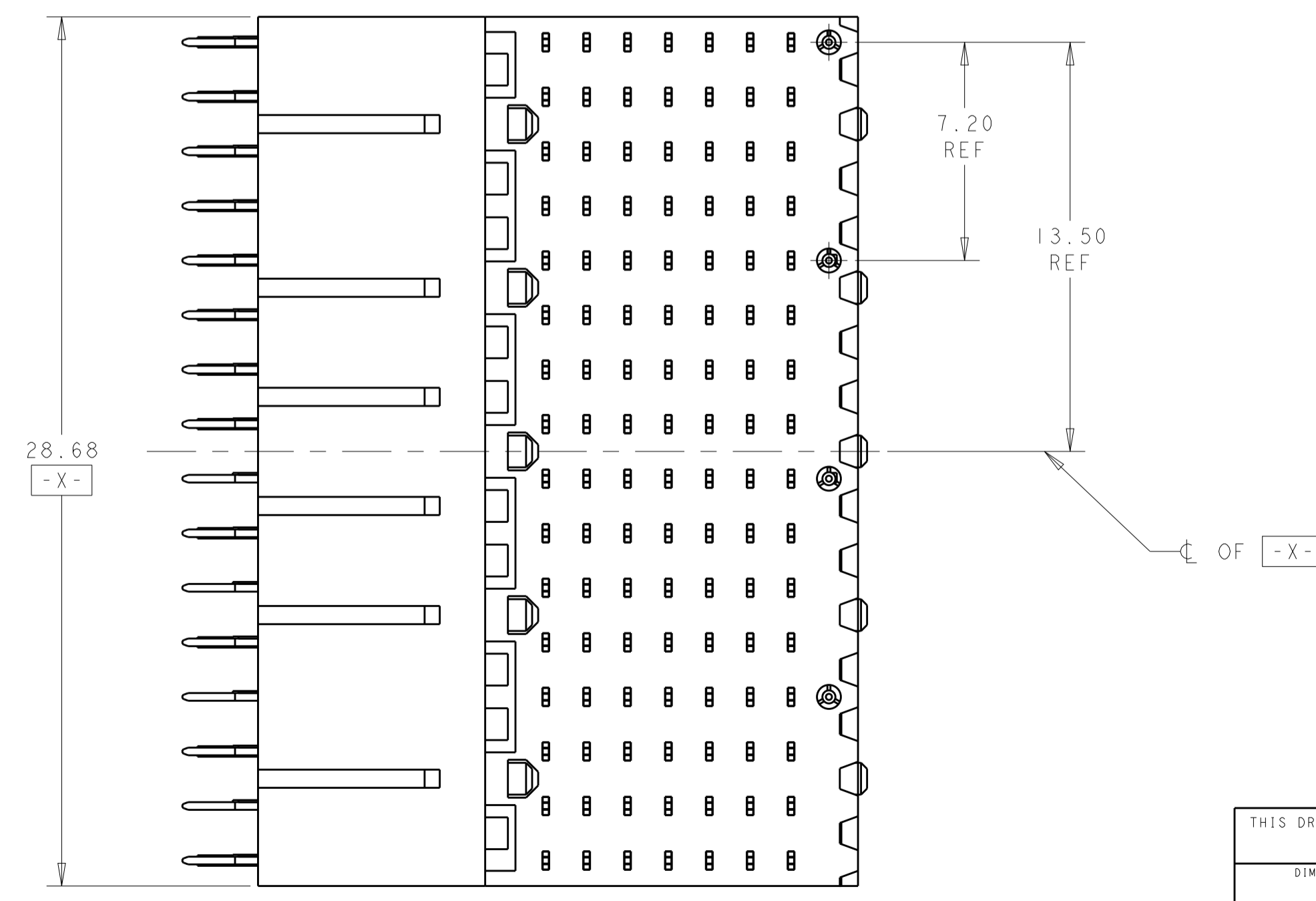
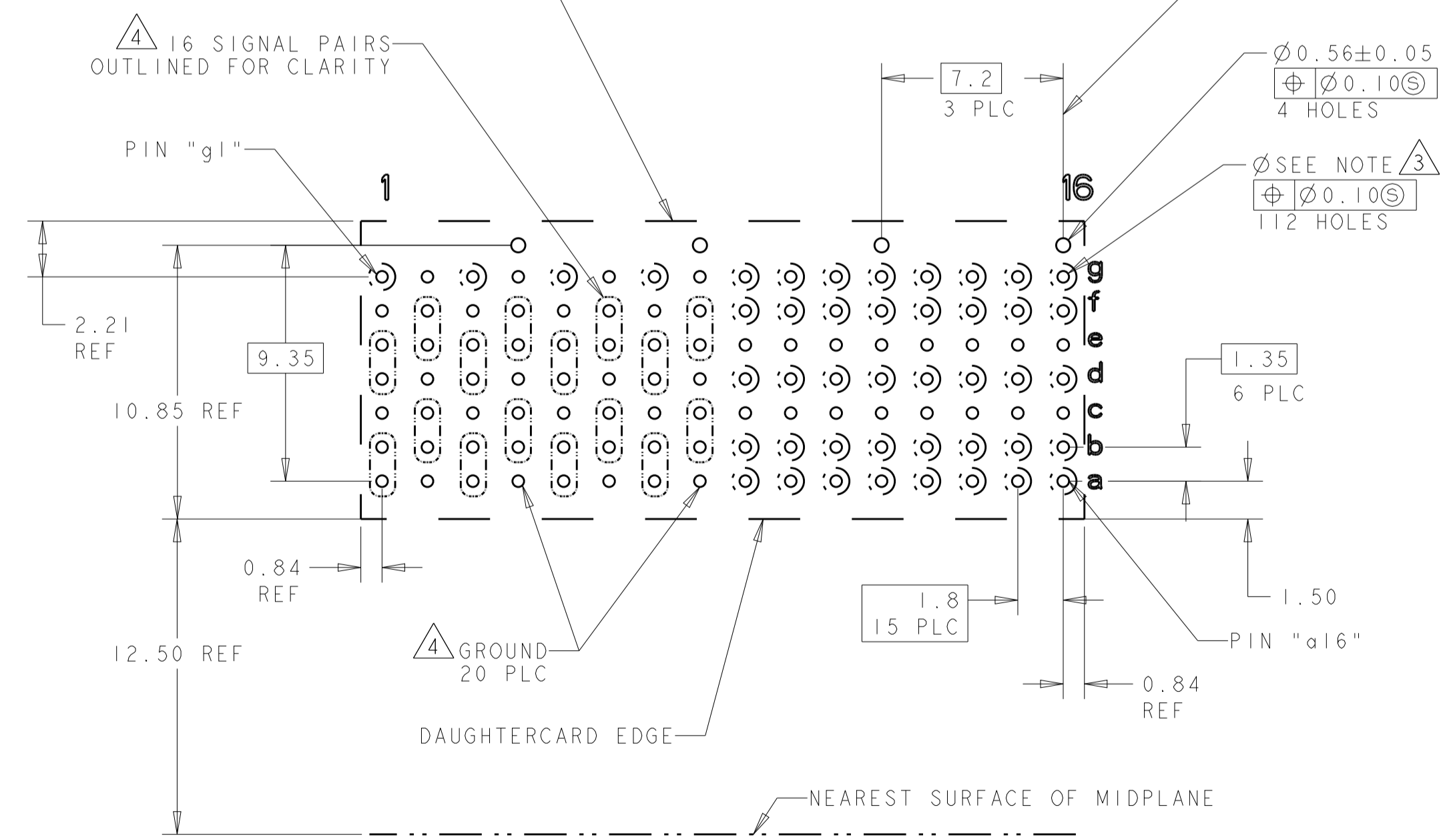
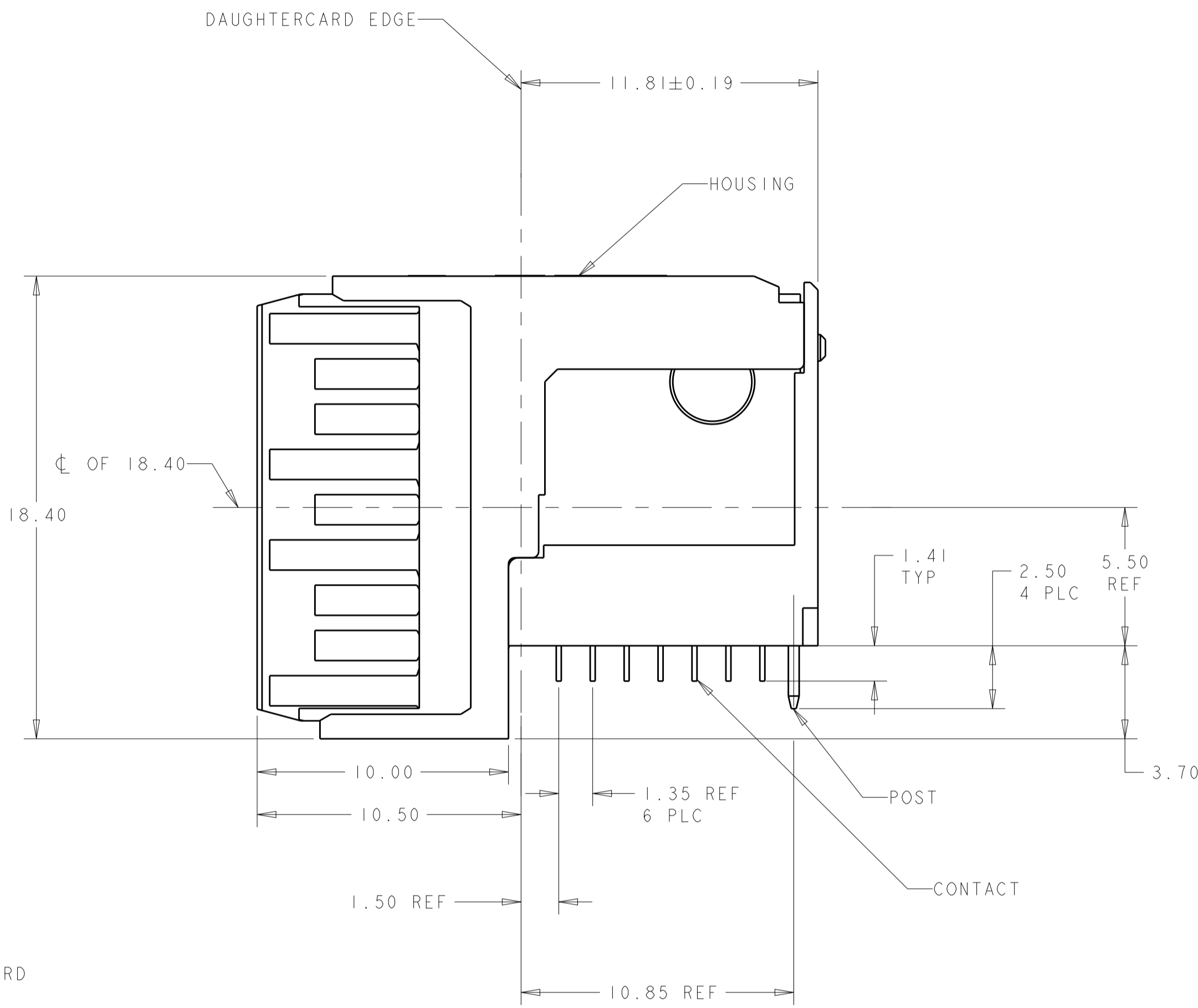
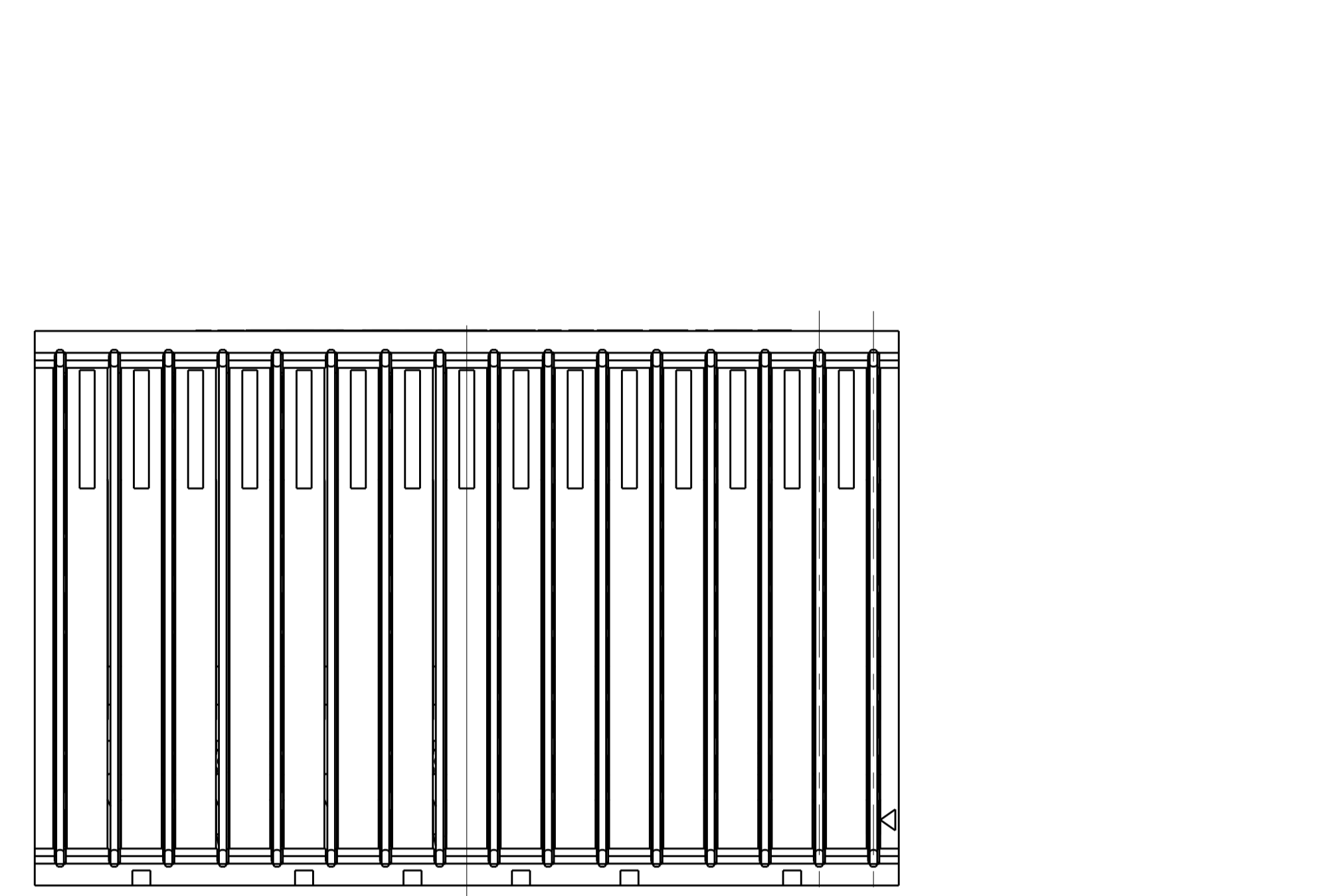
TYPICAL INTERCONNECTIONS FOR EACH ODD-NUMBERED COLUMN (WAFER): 1, 3, 5, 7		
CONTACT USAGE	DAUGHTERCARD CONNECTOR PIN	BACKPLANE CONNECTOR PIN
SIGNAL PAIR	ax	ax
	bx	bx
SIGNAL PAIR	dx	ex
	ex	fx
SIGNAL	gx	ix
GROUND	c x, f x (ALL COMMONED)	c x, d x, g x, h x

TYPICAL INTERCONNECTIONS FOR EACH EVEN-NUMBERED COLUMN (WAFER): 2, 4, 6, 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, (ALL COMMONED)	ax, bx, ex, fx, ix

TYPICAL INTERCONNECTIONS FOR EACH COLUMN (WAFER): 9, 10, 11, 12, 13, 14, 15, 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	c x, e x, (ALL COMMONED)	a x, d x, f x, i x

NOTE: "x" DESIGNATES THE COLUMN NUMBER

⑤	2102849-2
④	2102849-1
PLATING	PART NO



PC BOARD REAR TRANSITION MODULE (CONNECTOR SIDE)
SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm MATERIAL: SEE TABLE FINISH: SEE TABLE	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.5 2 PLC ±0.13 3 PLC ± 4 PLC ± ANGLES ±1°	OWN: R. MILLER 29NOV2011 CHK: K. THACKSTON 12JAN2012 APVD: M. McALONIS 25SEP2012 PRODUCT SPEC: 108-2072 APPLICATION SPEC: 114-13056 WEIGHT: 10.33g Customer Drawing	STE TE Connectivity NAME: RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW, CENTER, 20.3mm, MULTIGIG RT 2-R DAUGHTERCARD CONNECTOR, DIFF.-SE SIZE: CAGE CODE DRAWING NO: A100779C=2102849 SCALE: 6:1 SHEET 1 OF 1 REV C
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[TE Connectivity:](#)

[2102849-1](#)