

REVISIONS				
P.	LTN	DESCRIPTION	DATE	APP'D
A		RELEASED PER ECO-19-001811	05FEB2019	DCB AT

- 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 THRU HOLE SPECIFICATION:
DRILLED HOLE: Ø0.40±0.02
0.025-0.050 THICK COPPER PLATING (MAX HARDNESS 150 KNOOP)
FINISH OPTIONS:
0.0038-0.0124 HOT AIR SOLDER LEVELING (HASL) TIN-LEAD (SnPb)
0.0005-0.004 IMMERSION TIN (Sn)
0.0002-0.0005 ORGANIC SOLDERABILITY PRESERVATIVE (OSP)
0.0001-0.0005 IMMERSION SILVER (Ag)
0.0001-0.0005 IMMERSION GOLD OVER 0.00127-0.0076 NICKEL (ENIG)
FINISH HOLE DIAMETER AFTER PLATING = Ø0.31 REF
- 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.

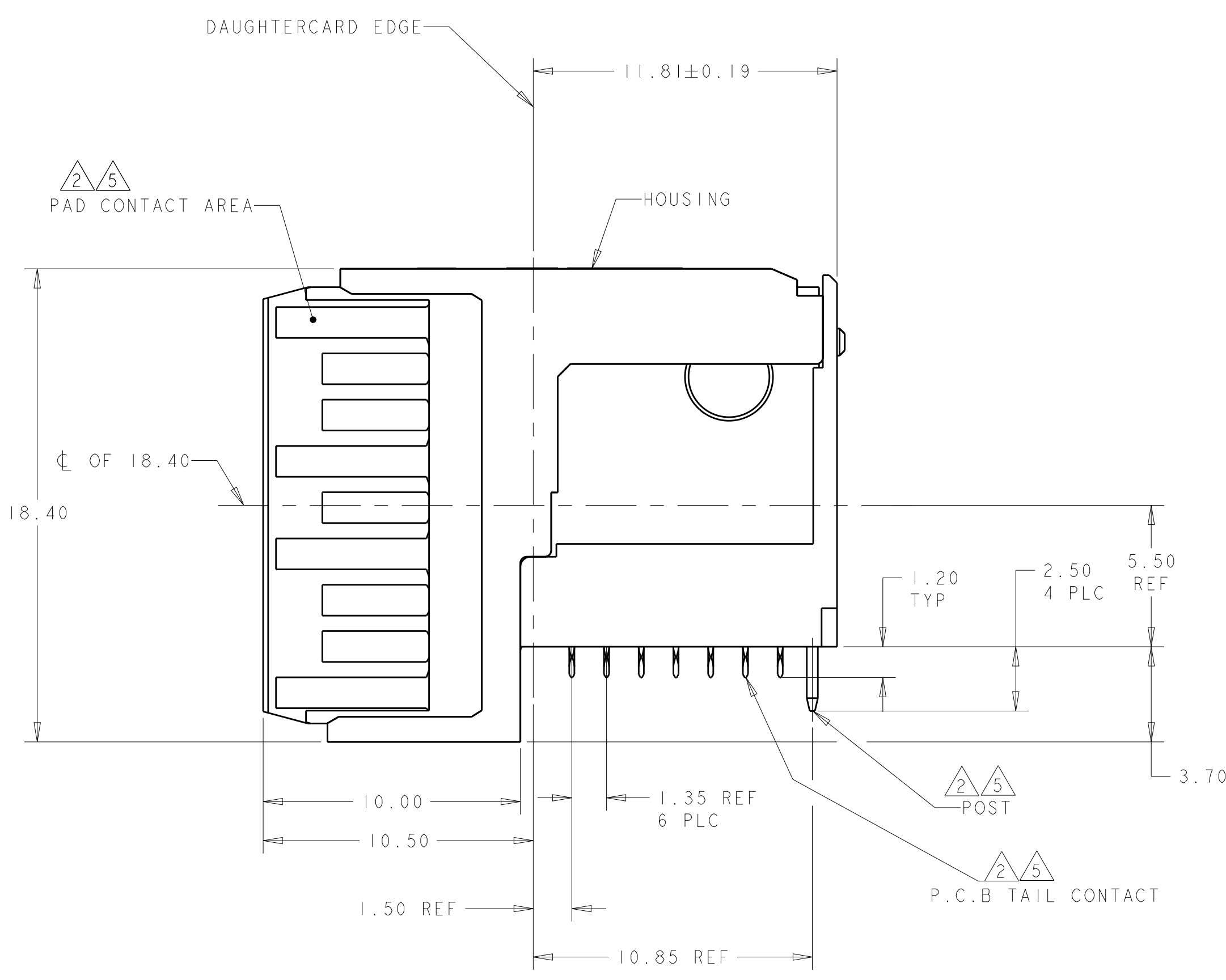
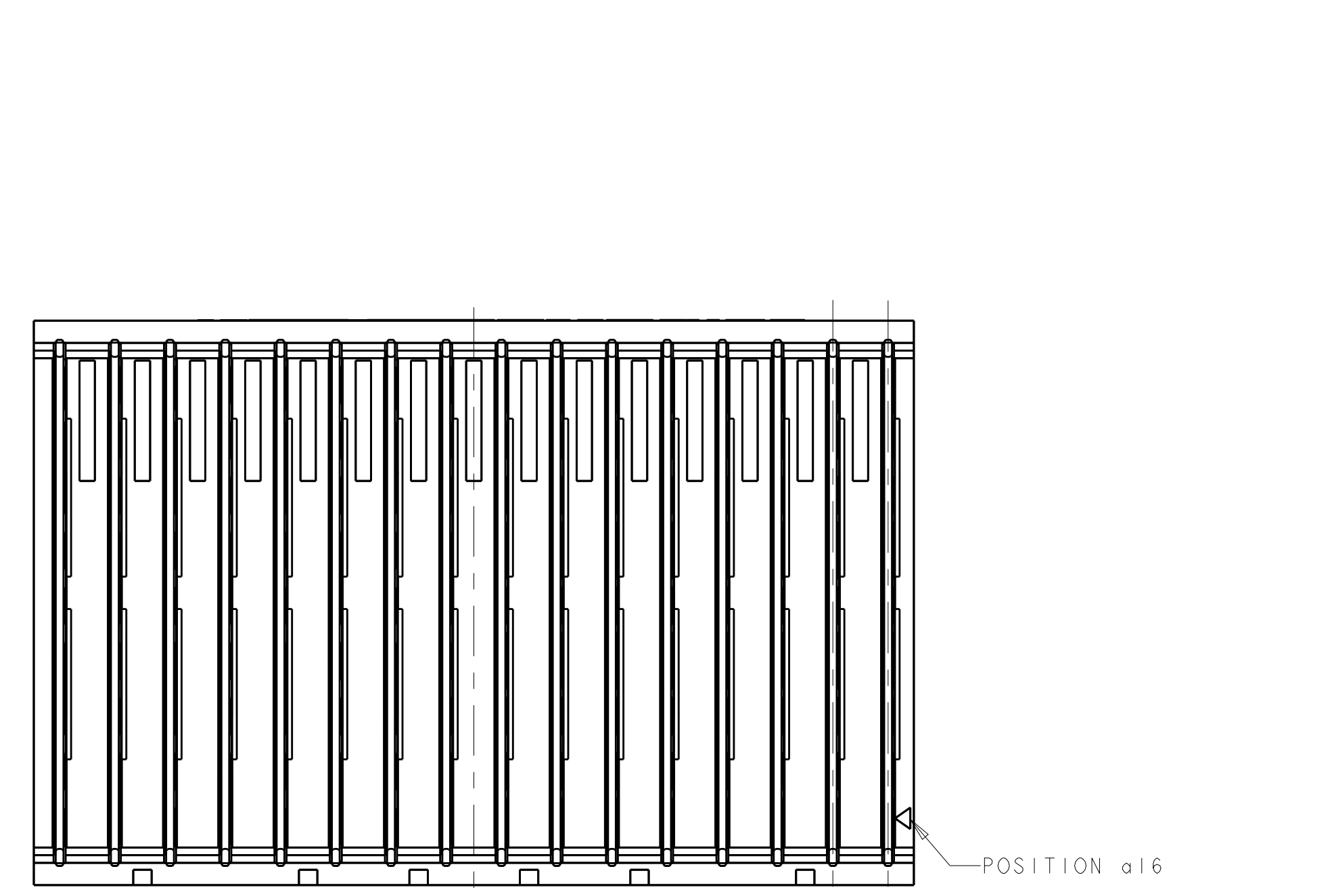


TABLE 1
INTERCONNECTIONS WITH BACKPLANE CONNECTOR
2302789 OR 2302793

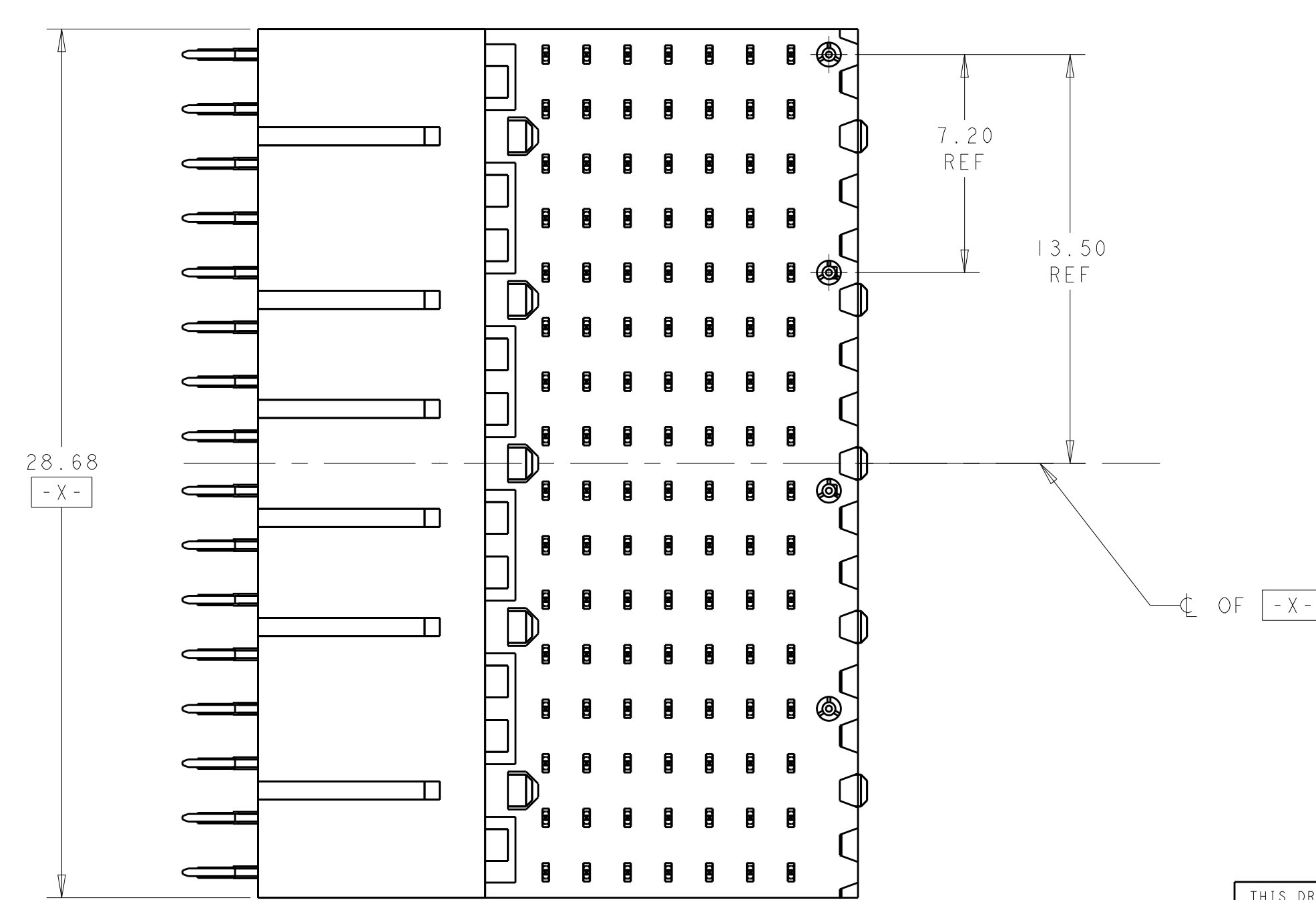
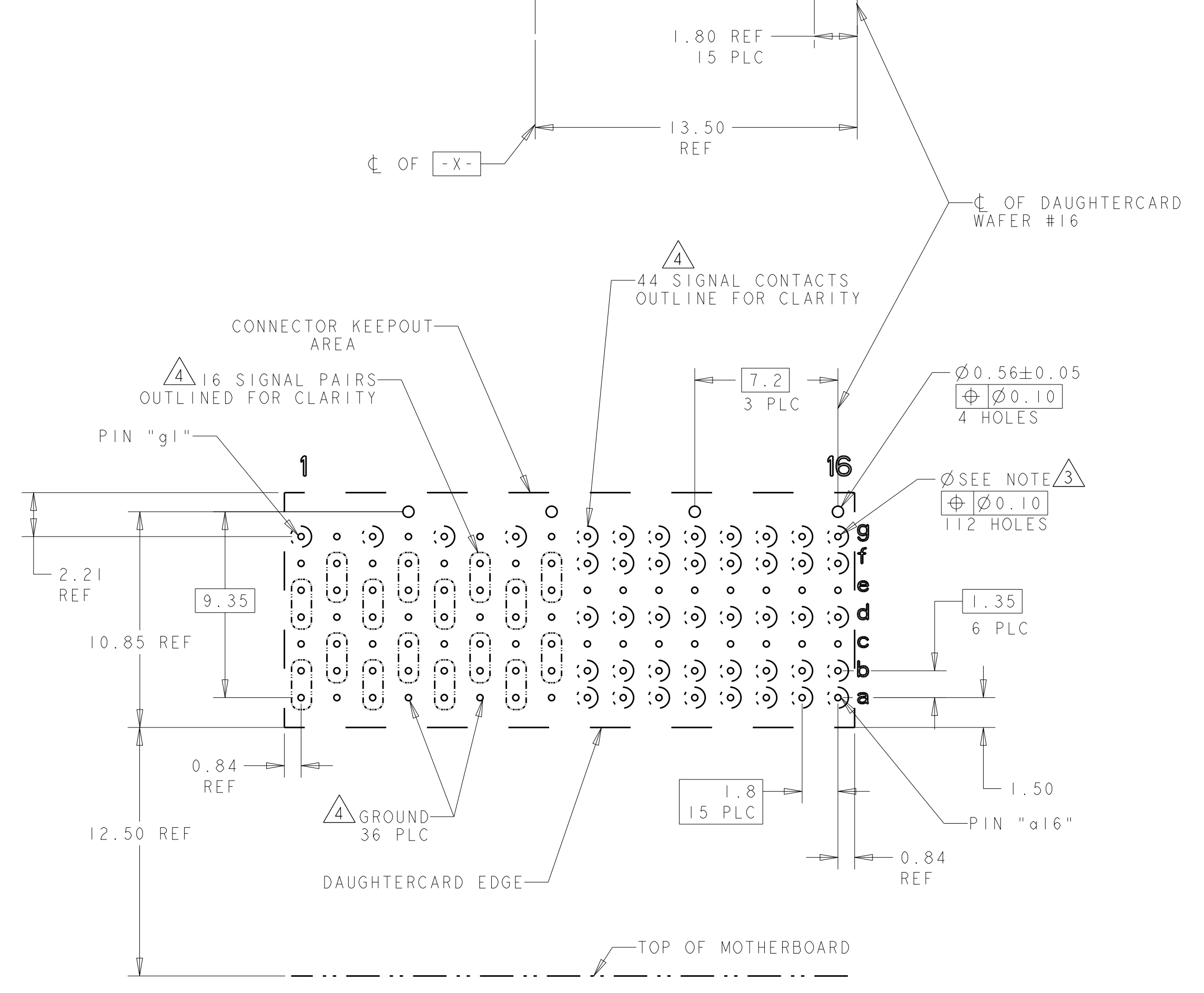
TYPICAL INTERCONNECTIONS FOR EACH ODD-NUMBERED COLUMN (WAFER): 1, 3, 5, 7		
CONTACT USAGE	DAUGHTERCARD CONNECTOR PIN	BACKPLANE CONNECTOR PIN
SIGNAL PAIR	ax	ax
	bx	bx
SIGNAL PAIR	dx	ex
	ex	fx
SIGNAL	gx	ix
GROUPS	cx, fx (ALL COMMONED)	cx, dx, gx, hx

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
GROUPS	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
GROUPS	cx, ex, (ALL COMMONED)	ax, dx, fx, ix

NOTE: "x" DESIGNATES THE COLUMN NUMBER

PLATING	2302797-2
PART NO	2302797-1



PC BOARD LAYOUT (CONNECTOR SIDE)
SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT. OWN: R. MILLER 11JUL2017, CHK: A. TSANG 11JUL2017, APVD: -

DIMENSIONS: mm. TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.5, 1 PLC ±0.5, 2 PLC ±0.13, 3 PLC ±0.13, 4 PLC ±0.13, 5 PLC ±0.13, 6 PLC ±0.13, 7 PLC ±0.13, 8 PLC ±0.13, 9 PLC ±0.13, 10 PLC ±0.13, 11 PLC ±0.13, 12 PLC ±0.13, 13 PLC ±0.13, 14 PLC ±0.13, 15 PLC ±0.13, 16 PLC ±0.13. ANGLES: ±1°.

MATERIAL: SEE TABLE. FINISH: SEE TABLE. WEIGHT: 10.33g. RESTRICTED CUSTOMER.

PRODUCT SPEC: 108-2072-3. APPLICATION SPEC: 114-163004. SIZE: 114-163004. CAGE CODE: 114-163004. DRAWING NO: 114-163004. WEIGHT: 10.33g. RESTRICTED CUSTOMER.

NAME: RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW CENTER, DIFFERENTIAL-SE VPX, RTM, MULTIGIG RT 3. SIZE: 114-163004. CAGE CODE: 114-163004. DRAWING NO: 114-163004. WEIGHT: 10.33g. RESTRICTED CUSTOMER.

TE Connectivity logo and part number 2302797.