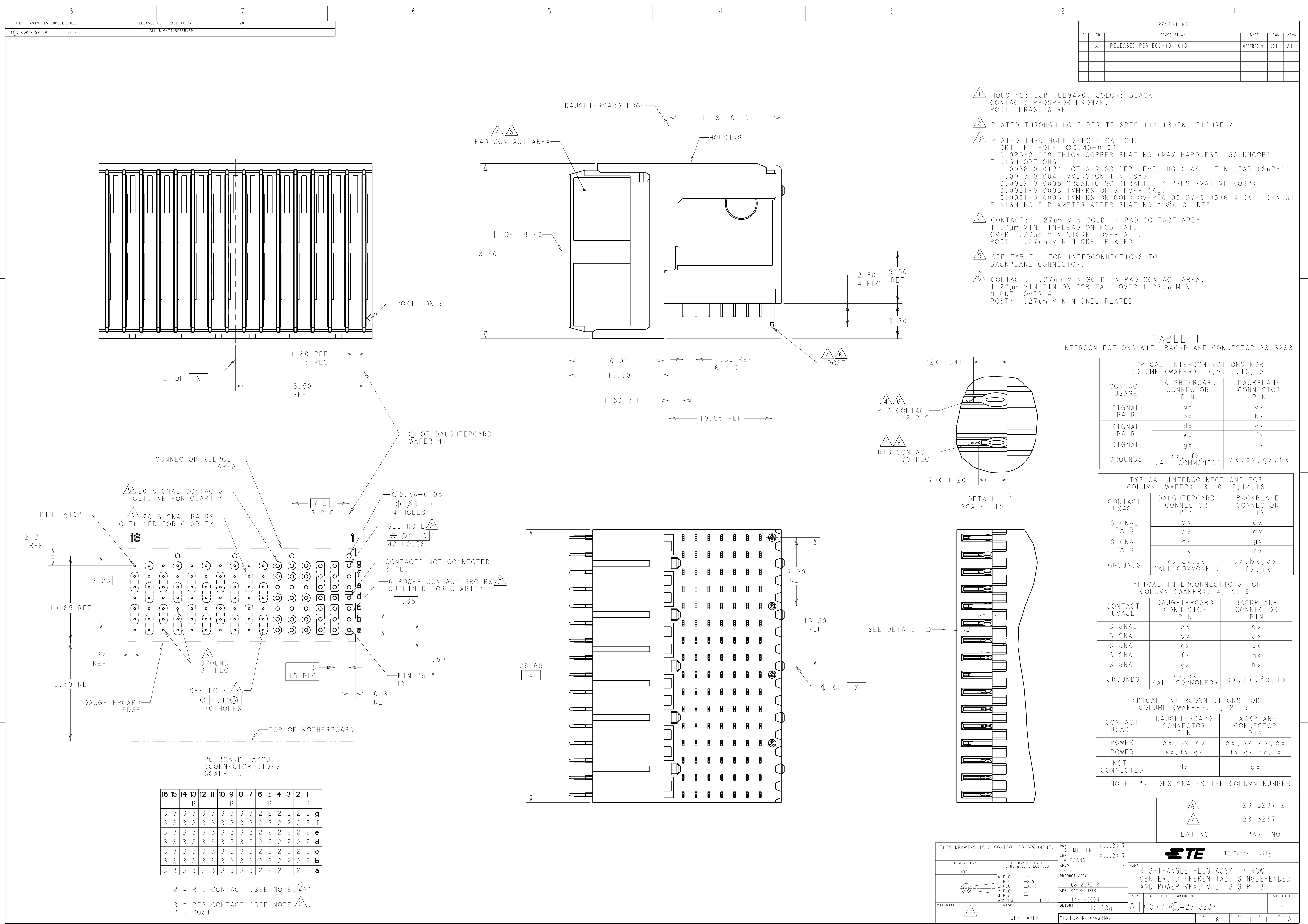




REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN
A		RELEASED PER ECO-19-001811	05FEB2019	DCB

- 1 HOUSING: LCP, UL94V0, COLOR: BLACK.
CONTACT: PHOSPHOR BRONZE.
POST: BRASS WIRE
- 2 PLATED THROUGH HOLE PER TE SPEC 114-13056, FIGURE 4.
- 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 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.
- 5 SEE TABLE 1 FOR INTERCONNECTIONS TO BACKPLANE CONNECTOR.
- 6 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 2313238

TYPICAL INTERCONNECTIONS FOR COLUMN (WAFER): 7, 9, 11, 13, 15		
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 COLUMN (WAFER): 8, 10, 12, 14, 16		
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 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 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

6	2313237-2
4	2313237-1
PLATING	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. MILLER 10JUL2017	TE Connectivity	
DIMENSIONS:		CHK A. TSANG 10JUL2017	NAME	
mm		APVD	RIGHT-ANGLE PLUG ASSY, 7 ROW, CENTER, DIFFERENTIAL, SINGLE-ENDED AND POWER VPX, MULTIGIG RT 3	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	SIZE	
0 PLC ±0.5		108-2072-3	CAGE CODE DRAWING NO	
1 PLC ±0.13		APPLICATION SPEC	RESTRICTED TO	
2 PLC ±0.13		114-163004	A100779C=2313237	
3 PLC ±0.13		WEIGHT	SCALE	
4 PLC ±0.13		10.33g	6:1	
ANGLES ±1°		CUSTOMER DRAWING	SHEET 1 OF 1	
FINISH			REV A	
SEE TABLE				