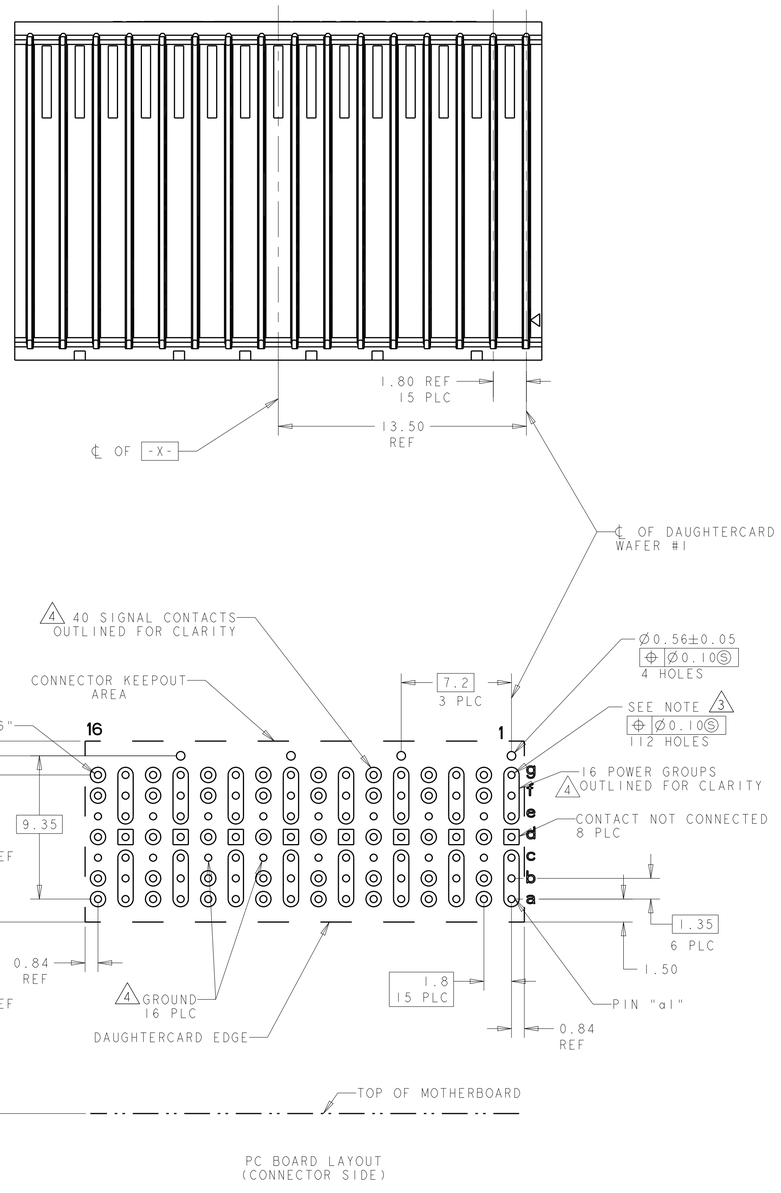
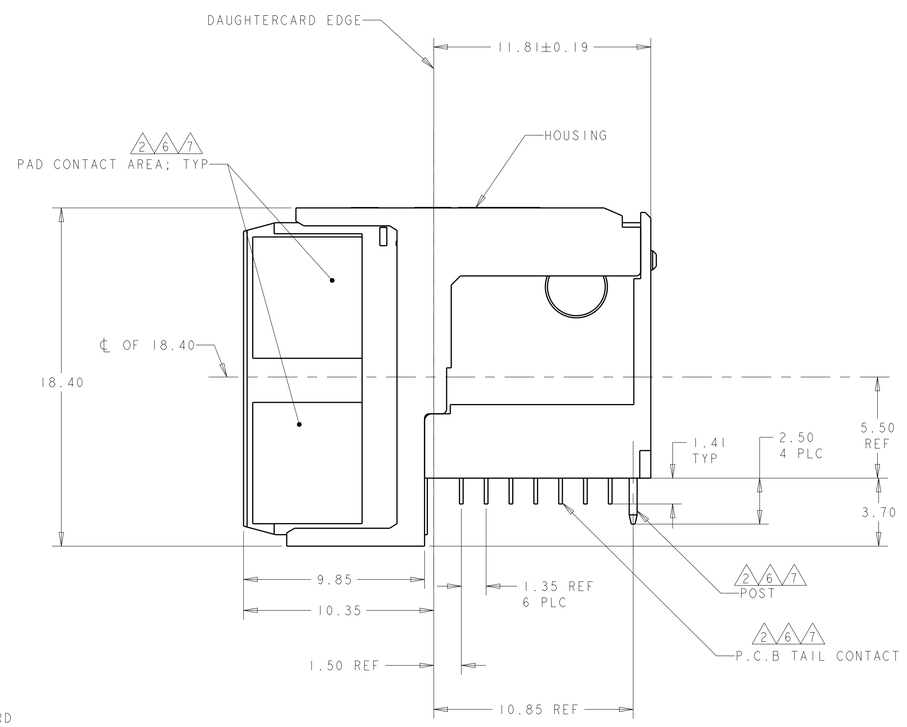
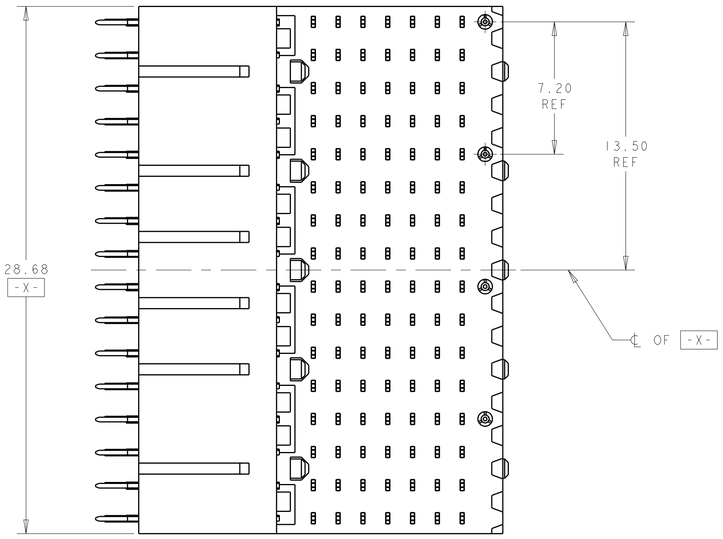
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	REV PER ECO 20-002093	2-17-20	CT	DH



PC BOARD LAYOUT
(CONNECTOR SIDE)

SEE SHEET 2 FOR RTM
SCALE 5:1





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. VITA 78.1 (POWER SX P1)

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.

7. CONTACT: 1.27µm MIN GOLD IN PAD CONTACT AREA, 1.27µm MIN
TIN-LEAD (60/40) ON PCB TAIL OVER 1.27µm MIN. NICKEL OVER ALL.
POST: 1.27µm MIN NICKEL PLATED.

TABLE 1
INTERCONNECTIONS WITH BACKPLANE CONNECTOR 2102736-1

TYPICAL INTERCONNECTIONS FOR EACH COLUMN (WAFER): 2,4,6,8,10,12,14 & 16		
CONTACT USAGE	DAUGHTERCARD CONNECTOR PIN	BACKPLANE CONNECTOR PIN
SIGNAL	ax	bx
SIGNAL	bx	cx
SIGNAL	dx	ex
SIGNAL	fx	gx
SIGNAL	gx	hx
GROUNDS	cx, ex, (ALL COMMONED)	ax, dx, fx, ix

TYPICAL INTERCONNECTIONS FOR EACH COLUMN (WAFER): 1,3,5,7,9,11,13 & 15		
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

7	2305984-3
6	2305984-2
2	2305984-1
PLATING	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.5
2 PLC ±0.13
3 PLC ±-
4 PLC ±-
ANGLES ±1°0'

MATERIAL 1

FINISH -
SEE TABLE

DWN C.C.THOMAS 11-23-16
CHK D.HOANG 11-23-16
APVD D.HOANG 11-23-16
PRODUCT SPEC 108-2072
APPLICATION SPEC 114-13056
WEIGHT 10.33g
CUSTOMER DRAWING

TE Connectivity

NAME RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW, CENTER, 20.3mm, MULTIGIG RT 2-R DAUGHTERCARD CONNECTOR, VITA 78.1

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2305984	

SCALE 6:1 SHEET 1 OF 1 REV B