

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	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 2302789-1

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	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 ODD-NUMBERED COLUMN (WAFER): 1,3,5,7,9,11,13,15		
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

NOTE: "x" DESIGNATES THE COLUMN NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
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CHK
A. TSANG
APVD
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09AUG2016
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DIMENSIONS:

mm

0 PLC ±0.5
1 PLC ±0.5
2 PLC ±0.13
3 PLC ±0.13
4 PLC ±0.13
ANGLES ±1°

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC
108-2072-3
APPLICATION SPEC
114-163004
WEIGHT 10.33g
RESTRICTED CUSTOMER

NAME
RIGHT-ANGLE PLUG ASSEMBLY,
7 ROW, CENTER,
VPX, MULTIGIG RT 3

SIZE
10.33g
RESTRICTED TO

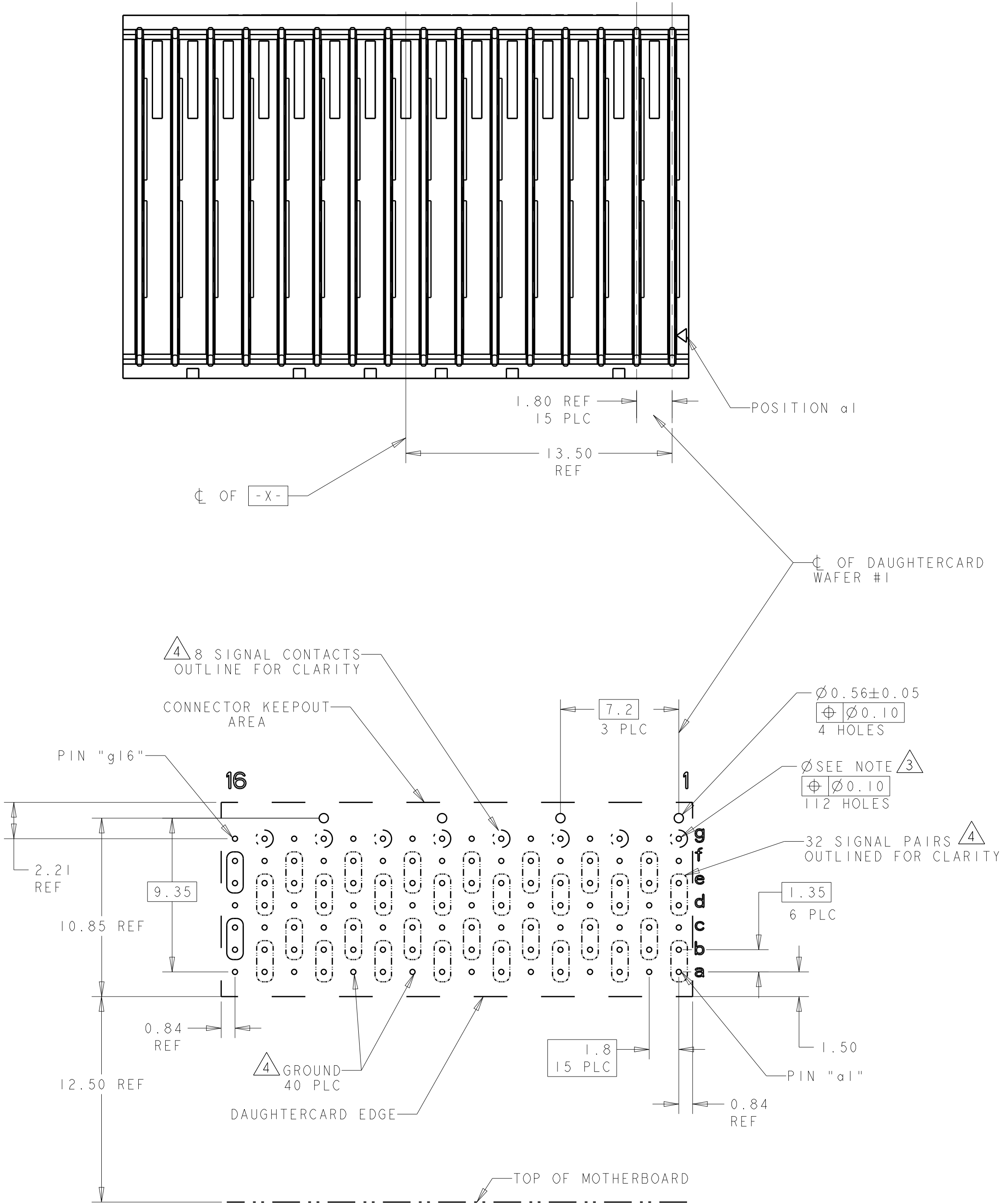
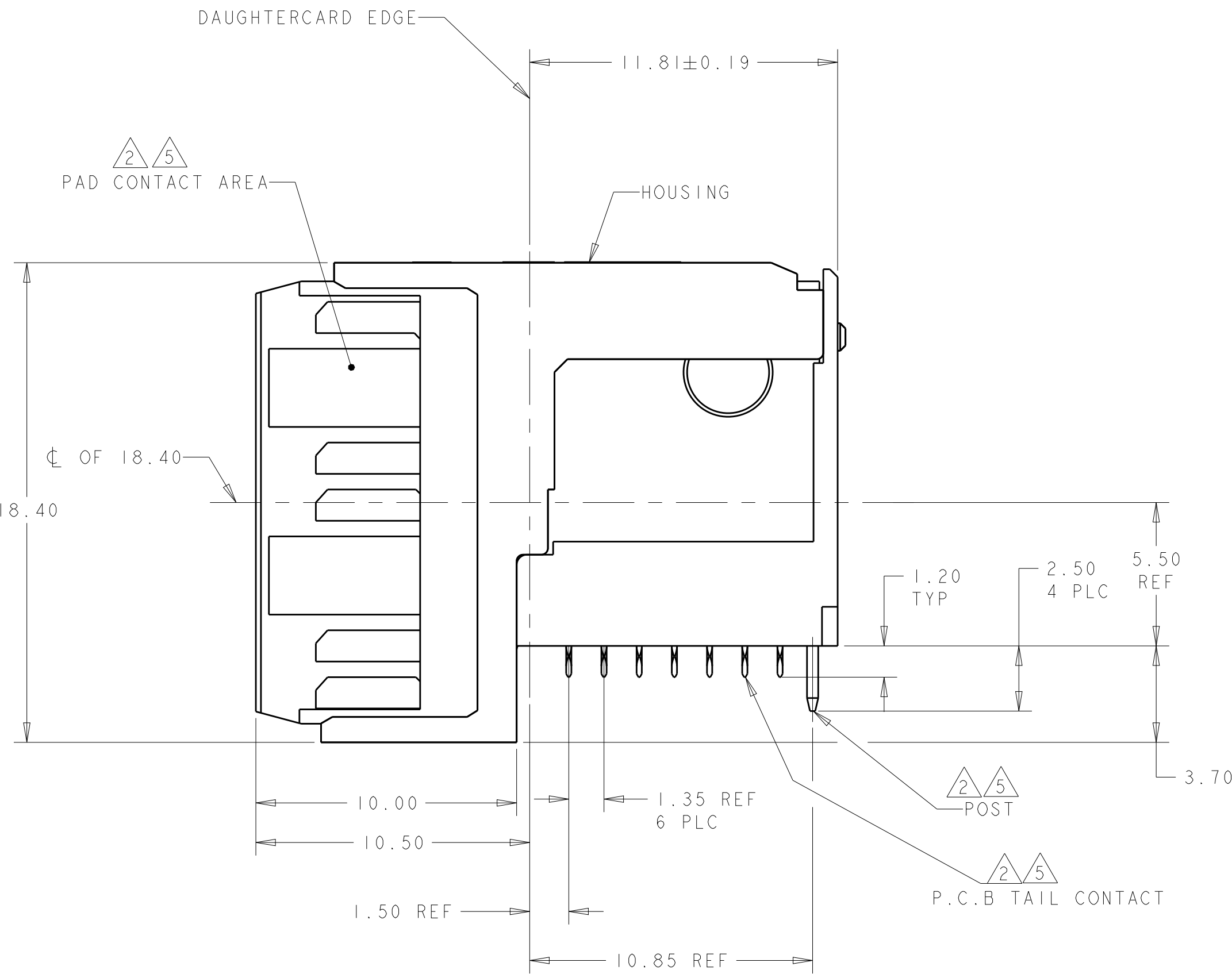
DATE
09AUG2016
SHEET 1 OF 1
REV A

TE Connectivity

TE

100779C=2302785

SCALE 6:1



PC BOARD LAYOUT
(CONNECTOR SIDE)
SCALE 5:1

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[TE Connectivity:](#)

[2302785-2](#)