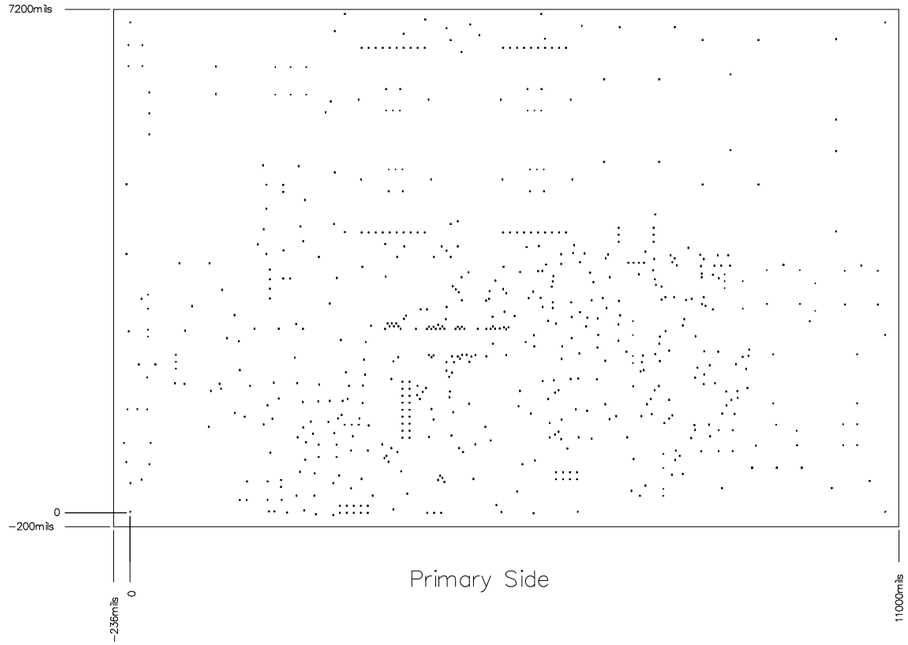
REVISIONS				
	REV.	DESCRIPTION	DATE	APPROVED

FABRICATION NOTES:

1. NUMBER OF LAYERS = 2
2. UNLESS OTHERWISE SPECIFIED THE PRINTED WIRING BOARD SHALL MEET THE REQUIREMENTS OF IPC-6012 CLASS 2.
3. ACCEPTABILITY TO IPC-A-600 CLASS 2.
4. MATERIAL:
   - A. TYPE: FR-4
   - B. RAW Cu WEIGHT OUTER LAYERS: 2 Oz.
   - C. RAW Cu WEIGHT INNER SIGNAL LAYERS: N/A
   - D. RAW Cu WEIGHT INNER PLANE LAYERS: N/A
5. PROCESSING:
   - A. COPPER THIEVING ALLOWED ON OUTER LAYERS KEEPING A MINIMUM OF 0.200"
   - B. REMOVE ALL UNUSED PADS ON ARTWORK ON ALL INNER LAYERS.
   - C. ETCH DATE CODE AND UL RECOGNIZED VENDOR MARK ON SECONDARY SIDE.
6. IMPEDANCE:
   - A. USE REQUIRMENTS IN STACKUP, FABRICATOR HAS PERMISSION TO CHANGE THICKNESS AND TRACE WIDTHS IN ORDER TO MEET IMPEDANCE REQUIRMENTS.
   - B. NON-CONTROLLED TRACES TO BE WITHIN SIZE OF SPECIFIED APERTURE VALUE IN ARTWORK.
7. Cu PLATING:
   - A. UNLESS OTHERWISE SPECIFIED, HOLE DIMENSIONS ARE FOR FINISHED HOLES.
   - B. UNLESS OTHERWISE SPECIFIED, HOLE BARREL THICKNESS TO BE 0.001" MIN.
8. FINISH PLATING: FINISH ALL EXPOSED PADS WITH:
   - ■ TIN/LEAD (HASL)
9. SOLDERMASK:
   - A. LPI GREEN SOLDER MASK OVER BARE COPPER BOTH SIDES.
   - B. SOLDER MASK REGISTRATION TO BE WITHIN +/-.003" OF RELEVANT LAYER.
   - C. NO MASK TO APPEAR ON PADS
10. SILKSCREEN:
    - A. USE WHITE NON-CONDUCTIVE INK.
    - B. NO SILKSCREEN TO APPEAR ON PADS.
11. WARP AND TWIST NOT TO EXCEED .010 INCH/INCH.
12. MILLING:
    - A. ALL BOARD DIMENSIONS TO BE HELD TO WITHN 0.005".
    - B. IF NO DIMENSIONS PRESENT, USE BOARD OUTLINE IN DXF/HPGL (THIS DRAWING) TO FEED DIRECTLY INTO MILLING PROCESSOR.
13. KNOWN GND SHORTS
    - A. SHORTS AT (X, Y)



Symbol	Hit Count	Finished Hole Size	Physical Length	Rout Path Length	Plated	Hole Type
G	390	14mil (0.3556mm)			PTH	Round
H	11	28mil (0.7112mm)			PTH	Round
a	6	31.496mil (0.8mm)			PTH	Round
A	2	33.07mil (0.83998mm)			PTH	Round
o	102	35.433mil (0.9mm)			PTH	Round
o	41	39.37mil (1mm)			PTH	Round
o	3	43mil (1.0922mm)			PTH	Round
●	2	43.307mil (1.1mm)			PTH	Round
■	8	47.244mil (1.2mm)			PTH	Round
	4	50mil (1.27mm)			NPTH	Round
V	19	51.181mil (1.3mm)			PTH	Round
■	18	55.118mil (1.4mm)			PTH	Round
■	2	59.055mil (1.5mm)			PTH	Round
D	3	62.992mil (1.6mm)			PTH	Round
■	3	70mil (1.778mm)			PTH	Round
□	14	78.74mil (2mm)			PTH	Round
▼	4	80mil (2.032mm)			PTH	Round
E	2	90.551mil (2.3mm)			PTH	Round
●	2	98.425mil (2.5mm)			PTH	Round
C	8	110.236mil (2.8mm)			PTH	Round
F	6	137.795mil (3.5mm)			PTH	Round
●	2	180mil (4.572mm)			NPTH	Round
✖	3	39.37mil (1mm)	125.984mil (3.2mm)	86.614mil (2.2mm)	PTH	Slot
	656 Total					

Slot definitions : **Rout Path Length** = Calculated from tool start centre position to tool end centre position.
Physical Length = Rout Path Length + Tool Size = Slot length as defined in the PC layout

APPLICATION	
USED ON	NEXT ASSY.

MATERIAL: SEE NOTE
FINISH: SEE NOTE

DO NOT SCALE DRAWING

CONTRACT NO.

UNLESS OTHERWISE SPECIFIED

1. TOLERANCES:
   LINEAR = : 0.26 (.010)
   ANGULAR = : 0.50°
2. ALL DIMENSIONS ARE IN MM (INCHES).
3. INTERPRET DRAWING IN ACCORDANCE WITH DOD-STD-100.

DWN:	www.WSTSCORP.com	10/15
CHK:		
P.E.:		
DES.ENG.:		
P.C.:		
Q.C.:		
C.M.:		
REL:		
MFG:		
ENG.MGR:		
OTHER:		
OTHER:		
OTHER:		

Texas Instruments, Inc.

TITLE: FABRICATION DRAWING, HV-1PH-DCAC-R3

SIZE	CAGE CODE NO.	DRAWING NO.	REV:
D		HV-1PH-DCAC	3

SCALE: 1:1 SHEET 1 OF 1