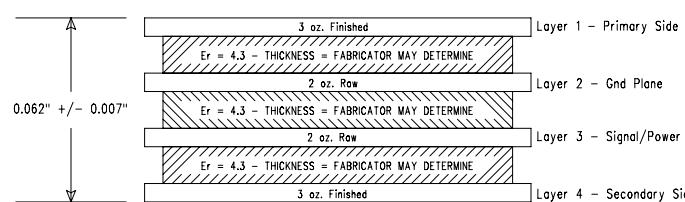


REVISIONS			
REV.	REV.	DESCRIPTION	DATE

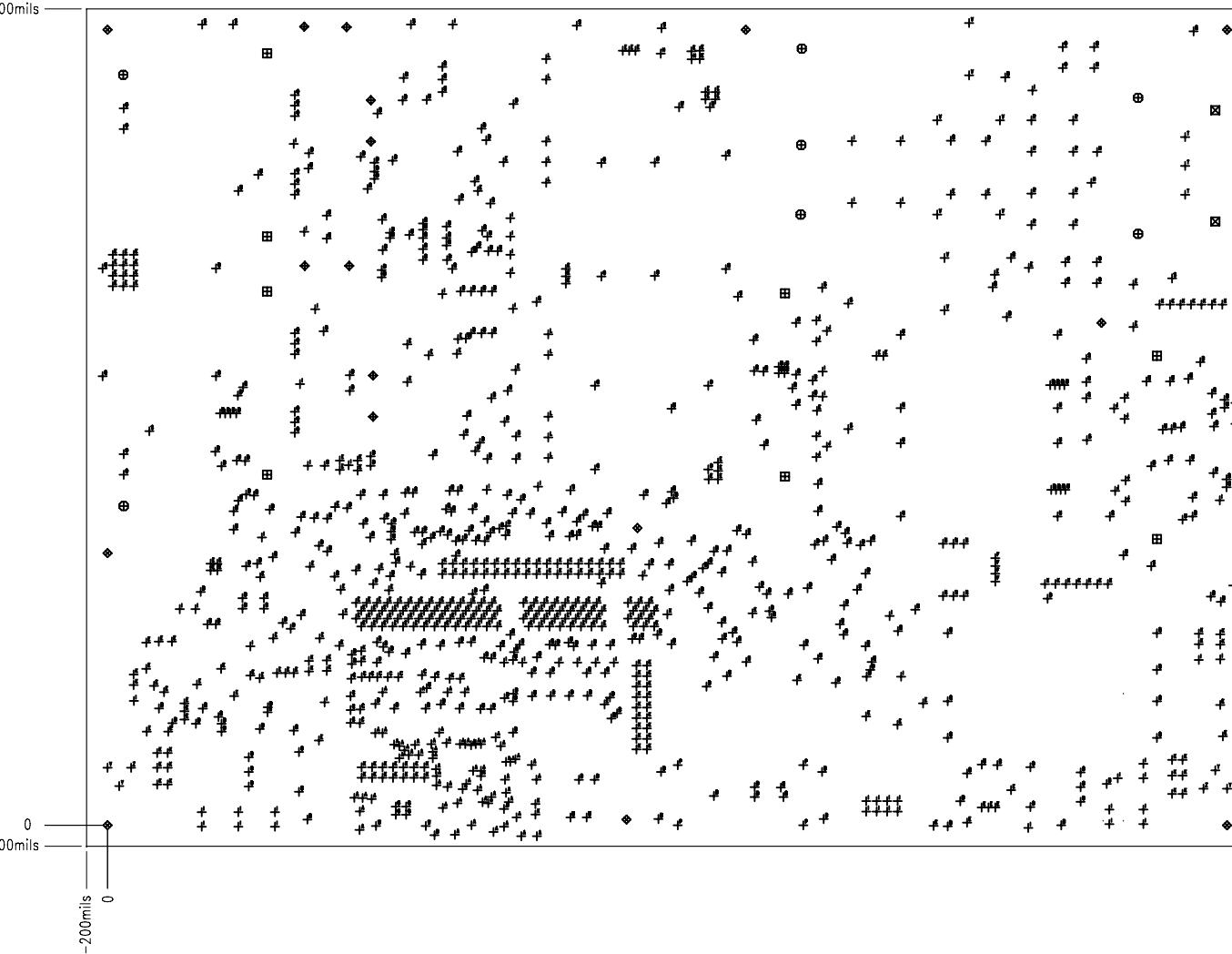
D



## FABRICATION NOTES:

1. NUMBER OF LAYERS = 4
2. UNLESS OTHERWISE SPECIFIED THE PRINTED WIRING BOARD SHALL MEET THE REQUIREMENTS OF PC-6012 CLASS 2.
3. ACCEPTABILITY TO PC-A-600 CLASS 2.
4. MATERIAL:
  - A. TYPE FR4 OR EQUIVALENT
  - B. RAW Cu WEIGHT OUTER LAYERS: 2 oz.
  - C. RAW Cu WEIGHT INNER SIGNAL LAYERS: 2 oz.
  - D. RAW Cu WEIGHT INNER PLANE LAYERS: 2 oz.
  - E.  Hg Tq  RoHS  HALOGEN FREE
5. PROCESSING:
  - A. COPPER THINNING 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 REQUIREMENTS IN STACKUP, FABRICATOR HAS PERMISSION TO CHANGE THICKNESS AND TRACE WIDTHS IN ORDER TO MEET IMPEDANCE REQUIREMENTS.
  - B. NO CONTROLLED TRACES TO BE WITHIN 20% 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:
  - ELECTROLESS NICKEL /IMERSION GOLD (ENIG)
  - IMMERSION SILVER (ENIG)
  - TIN/LEAD (HASL)
  - HARD GOLD OVER NICKEL 30u/80u
  - WHITE TIN
  - ORGANIC SOLDERABILITY PRESERVATIVE (OSP)
  - LEAD FREE HASL
9. SOLDERMASK:
  - A. LPK 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 WITHIN .005".
  - B. IF NO DIMENSIONS PRESENT, USE BOARD OUTLINE IN DD.PHD (THIS DRAWING) TO FEED DIRECTLY INTO MILLING PROCESSOR.

7800mils



SIZE	QTY	SYM	PLATED	TOL
13	61	+A	YES	+/-0.003
18	361	+B	YES	+/-0.003
20	13	+C	YES	+/-0.003
28	2	+D	YES	+/-0.003
30	201	+E	YES	+/-0.003
31.5	4	+F	YES	+/-0.003
35	4	+G	YES	+/-0.003
38	4	+H	YES	+/-0.003
40	64	+I	YES	+/-0.003
41	12	+J	YES	+/-0.003
42	110	+K	YES	+/-0.003
43	10	+L	YES	+/-0.003
45	2	+M	YES	+/-0.003
51.18	6	+N	YES	+/-0.005
52	32	+O	YES	+/-0.005
52	4	+P	NO	+/-0.005
55	23	+Q	YES	+/-0.003
60	8	+R	YES	+/-0.003
63	24	+S	YES	+/-0.003
70.87	3	+T	YES	+/-0.003
75	8	+U	YES	+/-0.003
76	8	+V	YES	+/-0.003
92	2	+W	YES	+/-0.003
96	2	+X	NO	+/-0.003
110	4	+Y	YES	+/-0.003
124	2	+Z	YES	+/-0.003
125	8	+AA	YES	+/-0.003
137.8	2	+BB	NO	+/-0.003
141	8	+CC	YES	+/-0.003
180	9	+DD	NO	+/-0.003
250	7	+EE	YES	+/-0.003

C

B

A

1 APPLICATION USED ON	2 CONTRACT NO. Primary Side	3 DWG: www.WSTSCORP.com CHK:	4 11/14
NEXT ASSY.	5 P.E.:	6 DES ENG:	7 TITLE: TEXAS INSTRUMENTS
	8 P.C.:	9 O.C.:	FABRICATION DRAWING, C2000 Solar Micro Inverter, PPD
	10 C.M.:	11 REL:	
	12 MFG:	13 ENG WR:	14 SIZE: B
	14 OTHER:	15 OTHER:	16 CAGE CODE NO.: C2000SolarMicroInverterPPD
	16 OTHER:	17 OTHER:	18 DRAWING NO.: 3.0
			19 SCALE: 1:1
			20 SHEET 1 OF 1

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.

MATERIAL: SEE NOTE  
FINISH: SEE NOTE  
DO NOT SCALE DRAWING