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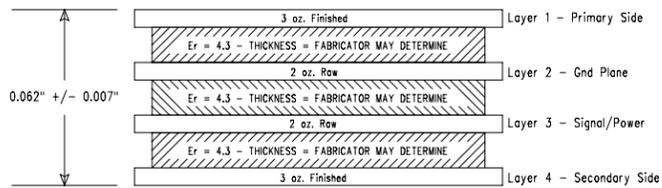
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REVISIONS				
REV.	REV.	DESCRIPTION	DATE	APPROVED



FABRICATION NOTES:

- NUMBER OF LAYERS = 4
- UNLESS OTHERWISE SPECIFIED THE PRINTED WIRING BOARD SHALL MEET THE REQUIREMENTS OF IPC-6012 CLASS 2.
- ACCEPTABILITY TO IPC-A-800 CLASS 2.
- 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. H Tg RgHS HALOGEN FREE
- 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.
- IMPEDANCE:
 - A. USE REQUIREMENTS IN STACKUP. FABRICATOR HAS PERMISSION TO CHANGE THICKNESS AND TRACE WIDTHS IN ORDER TO MEET IMPEDANCE REQUIREMENTS.
 - B. NON-CONTROLLED TRACES TO BE WITHIN 20% OF SPECIFIED APERTURE VALUE IN ARTWORK.
- Cu PLATING:
 - A. UNLESS OTHERWISE SPECIFIED, HOLE DIMENSIONS ARE FOR FINISHED HOLES.
 - B. UNLESS OTHERWISE SPECIFIED, HOLE BARREL THICKNESS TO BE 0.001" MIN.
- FINISH PLATING: FINISH ALL EXPOSED PADS WITH:
 - ELECTROLESS NICKEL/IMMERSION GOLD (ENIG)
 - IMMERSION SILVER (ENIG)
 - TIN/LEAD (HASL)
 - HARD GOLD OVER NICKEL 30u/80u
 - WHITE TIN
 - ORGANIC SOLDERABILITY PRESERVATIVE (OSP)
 - LEAD FREE HASL
- SOLDERMASK:
 - A. LPI GREEN SOLDER MASK OVER BARE COPPER BOTH SIDES.
 - B. SOLDER MASK REGISTRATION TO BE WITHIN +/-0.003" OF RELEVANT LAYER.
 - C. NO MASK TO APPEAR ON PADS
- SILKSCREEN:
 - A. USE WHITE NON-CONDUCTIVE INK.
 - B. NO SILKSCREEN TO APPEAR ON PADS.
 - C. WARP AND TWIST NOT TO EXCEED .010 INCH/INCH.
- MILING:
 - A. ALL BOARD DIMENSIONS TO BE HELD TO WITHIN 0.005".
 - B. IF NO DIMENSIONS PRESENT, USE BOARD OUTLINE IN DOLPHO (THIS DRAWING) TO FEED DIRECTLY INTO MILLING PROCESSOR.

7800mils

0
-200mils

-200mils
0

10900mils



SIZE	QTY	SYM	PLATED	TOL
13	61	+	YES	+/-0.003
18	361	+	YES	+/-0.003
20	13	+	YES	+/-0.003
28	2	+	YES	+/-0.003
30	201	+	YES	+/-0.003
31.5	4	+	YES	+/-0.003
35	4	+	YES	+/-0.003
38	4	+	YES	+/-0.003
40	64	+	YES	+/-0.003
41	12	+	YES	+/-0.003
42	110	+	YES	+/-0.003
43	10	+	YES	+/-0.003
45	2	+	YES	+/-0.003
51.18	6	+	YES	+/-0.005
52	32	+	YES	+/-0.005
52	4	+	NO	+/-0.005
55	23	+	YES	+/-0.003
60	8	+	YES	+/-0.003
63	24	+	YES	+/-0.003
70.87	3	+	YES	+/-0.003
75	8	+	YES	+/-0.003
76	8	+	YES	+/-0.003
92	2	+	YES	+/-0.003
96	2	+	NO	+/-0.003
110	4	+	YES	+/-0.003
124	2	+	YES	+/-0.003
125	8	+	YES	+/-0.003
137.8	2	+	NO	+/-0.003
141	8	+	YES	+/-0.003
180	9	+	NO	+/-0.003
250	7	+	YES	+/-0.003

APPLICATION	CONTRACT NO.	DWN: www.WTSCORP.com	11/14	TEXAS INSTRUMENTS TITLE: FABRICATION DRAWING, C2000 Solar Micro Inverter, PPD
USED ON	NEXT ASSY.	CHK:		
MATERIAL: SEE NOTE		UNLESS OTHERWISE SPECIFIED		
FINISH: SEE NOTE		1. TOLERANCES: LINEAR = : 0.26 (.010) ANGULAR = : 0.50° 2. ALL DIMENSIONS ARE IN MM (INCHES). 3. INTERPRET DRAWING IN ACCORDANCE WITH D00-STD-100.		
DO NOT SCALE DRAWING		ENGR/MGR:	SCALE: 1:1	SIZE: B CAGE CODE NO. DRAWING NO.: C2000SolarMicroInverterPPD REV: 3.0 SHEET 1 OF 1

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