

87654321

REVISIONS

REV.	REV.	DESCRIPTION	DATE	APPROVED

1200mils

0

3551mils

View A

SIZE	QTY	SYM	PLATED	TOL
8	479	+ ^A	YES	+/-0.003
11.81	2	+ ^B	YES	+/-0.003
36	2	+ ^C	NO	+/-0.003
36	5	+ ^D	YES	+/-0.003

1.27mm +/- .1mm

Layer 1 – Primary Side

Er = 4.3 – THICKNESS = FABRICATOR MAY DETERMINE

Layer 2 – Gnd Plane

Er = 4.3 – THICKNESS = FABRICATOR MAY DETERMINE

Layer 3 – PWR Plane

Er = 4.3 – THICKNESS = FABRICATOR MAY DETERMINE

Layer 4 – Secondary Side

NOTES:

1. ALL DRAWINGS AND FILMS ARE VIEWED FROM THE TOP SIDE.

2. THE HOMOGENOUS MATERIALS IN THIS PCB SHALL BE COMPLIANT TO THE EU RoHS DIRECTIVE 2002/95/EC.

3. SEE STACK-UP FOR COPPER WEIGHT, LAYER THICKNESS AND OVERALL THICKNESS.

4. BOARDS SHALL COMPLY WITH THE REQUIRMENTS OF IPC-6011/6012B, CLASS 2.

5. BOARDS AND PANELS SHALL HAVE ACCEPTANCE TESTING PERFORMED PER IPC-6012B.

6. DOCUMENTATION OF QUALITY CONFORMANCE TESTING SHALL BE PROVIDED.

7. BASE MATERIAL:

a. BASE LAMINATE – COPPER CLAD GLASS BASE EPOXY RESIN SHALL BE IN ACCORDANCE WITH IPC-4101B/26.

b. BONDING AGENT – PREIMPREGNATED B STAGE EPOXY G CLOTH SHALL BE ACCORDANCE WITH IPC-4101B/26.

8. MINIMUM COPPER PLATING 0.001 INCHES THICK FOR PLATED THROUGH HOLES.

9. NON-PLATED THROUGH HOLES DIMENSIONS REFER TO FINISHED HOLE SIZE WITH A TOLERANCE OF +/- 0.004 INCHES UNLESS OTHERWISE SPECIFIED.
PLATED HOLES DIMENSIONS REFER TO FINISHED HOLE SIZE. AFTER PLATING WITH TOLERANCE OF +/-0.003 INCHES UNLESS OTHERWISE SPECIFIED.

10. SOLDER MASK OVER BARE COPPER (SMOBC). -- COLOR GREEN
PER IPC-SM-840C, CLASS T.

11. AFTER SOLDER MASK, APPLY ELECTROLESS NICKEL IMMERSION GOLD (ENIG)
PER IPC-4552. (GOLD THICKNESS: 0.075 – 0.125 MICRONS [3 – 5 MICROINCHES] OVER A NICKEL THICKNESS : 3 – 6 MICRONS [118 – 236 MICROINCHES]).

12. SILK SCREEN: PER SUPPLIED GERBER, BOTH SIDES USING NON-CONDUCTIVE EPOXY INK, COLOR WHITE SILK-SCREEN MAY BE TRIMMED OFF ANY SOLDER ENTITY.

13. MARKING:

a. PCB SHALL BE MARKED PER J-STD-609 PARAGRAPH 7.

b. UL FLAMMABILITY RATING OF 94V-0 TO BE SHOWN IN INK.

c. BOARD PACKAGING SHALL BE MARKED PER J-STD-609.

d. ANY ADDITIONAL RoHS AND LEAD FREE MARKINGS SHALL BE CONTAINED IN THE ELECTRONIC DATA.

14. PRIOR TO BOARD FABRICATION, COMPARE GERBER DATA TO SUPPLIED IPC-D-356A NETLIST.

15. HARD GOLD FINGERS FOR EDGE CONNECTOR

VIEW A-A

ROTATED 90 DEG.

30

1.27mm +/- .1mm

.38mm

1

Primary Side

APPLICATION		CONTRACT NO.	DWN: www.WTSCORP.com	1/14	Texas Instruments, C2000	
USED ON	NEXT ASSY.	UNLESS OTHERWISE SPECIFIED	CHK:		TITLE:	
		1. TOLERANCES: LINEAR = : 0.26 (.010) ANGULAR = : 0.50 °	P.E.:		FABRICATION DRAWING, F2806x ISO ControlCard	
		2. ALL DIMENSIONS ARE IN MM (INCHES).	DES.ENG:			
		3. INTERPRET DRAWING IN ACCORDANCE WITH DOD-STD-100.	P.C.:			
			Q.C.:			
			C.M.:			
			REL:			
			MFG:			
			ENG.WGR:		SIZE	CAGE CODE NO.
			OTHER:		B	
			OTHER:		DRAWING NO.	
			OTHER:		F2806x	
DO NOT SCALE DRAWING					SCALE: 1:1	SHEET 1 OF 1