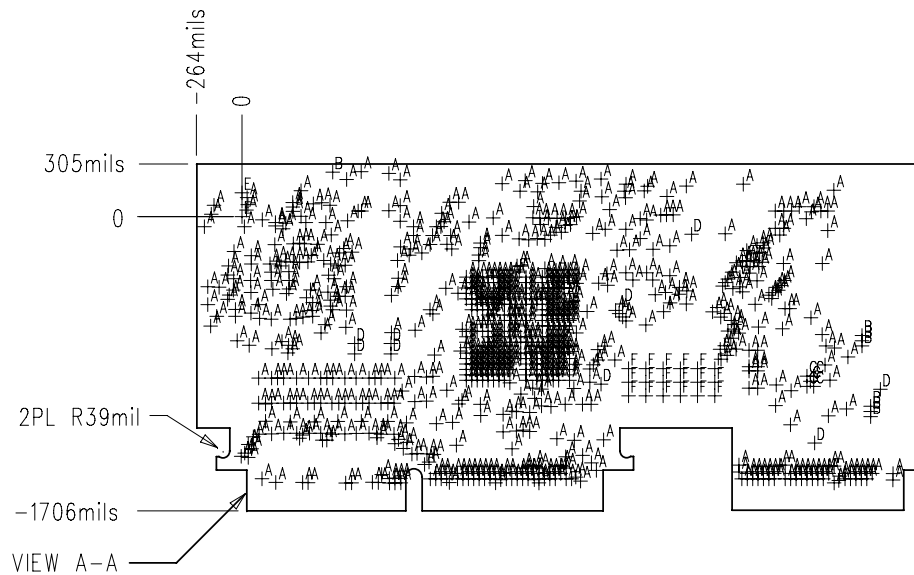


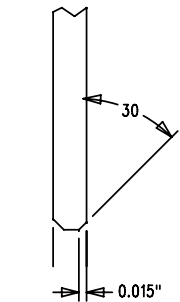
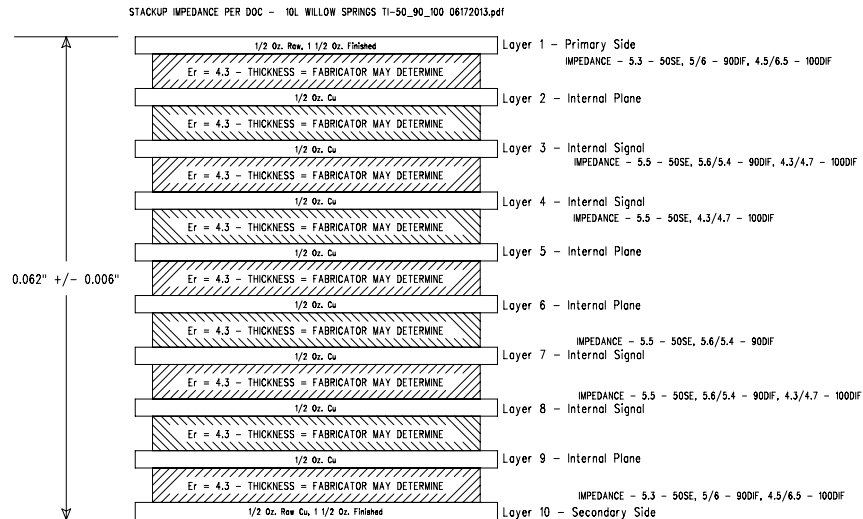
REVISIONS				
REV.	REV.	DESCRIPTION	DATE	APPROVED

FABRICATION NOTES:

1. NUMBER OF LAYERS = 10
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: FR4 OR EQUIVALENT
 - B. RAW Cu WEIGHT OUTER LAYERS: .5 Oz.
 - C. RAW Cu WEIGHT INNER SIGNAL LAYERS: .5 Oz.
 - D. RAW Cu WEIGHT INNER PLANE LAYERS: .5 Oz.
 - E. ☐ HI Tg ☐ RoHS ☐ HALOGEN FREE
5. PROCESSING:
 - A. COPPER THEIVING 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 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/IMMERSION GOLD (ENIG), FOR COMPONENT AREA
 - ☐ IMMERSION SILVER (IMM AG)
 - ☐ TIN/LEAD (HASL)
 - ☒ HARD GOLD OVER NICKEL 30u/80u, ON EDGEFINGERS
 - ☐ WHITE TIN
 - ☐ ORGANIC SOLDERABILITY PRESERVATIVE (OSP)
 - ☐ LEAD FREE 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 WITHIN 0.005".
 - B. IF NO DIMENSIONS PRESENT, USE BOARD OUTLINE IN DD.PHO (THIS DRAWING) TO FEED DIRECTLY INTO MILLING PROCESSOR.
 - C. PALLETIZE 2UP



SIZE	QTY	SYM	PLATED	TOL
8	830	\pm^A	YES	+/-0.003
10	7	\pm^B	YES	+/-0.003
12	5	\pm^C	YES	+/-0.003
20	9	\pm^D	YES	+/-0.003
36	2	\pm^E	NO	+/-0.003
42	18	\pm^F	YES	+/-0.005



VIEW A-A
ROTATED 90 DEG.

APPLICATION		CONTRACT NO.	DWN: wstscorp.com	10/13	TEXAS INSTRUMENTS			
USED ON	NEXT ASSY.	UNLESS OTHERWISE SPECIFIED	CHK:					
		1. TOLERANCES:	P.E.:		TITLE:			
		LINEAR = : 0.26 (Ø10)	DESIGN:					
		ANGULAR = : 0.50 °	P.C.:		FABRICATION DRAWING, F28335 controlCARD			
			O.C.:					
MATERIAL: SEE NOTE FINISH: SEE NOTE		2. ALL DIMENSIONS ARE IN MM (INCHES).	C.M.:		SIZE B CAGE CODE NO. DRAWING NO. F2837x controlCARD REV: 1.1			
			REL:					
			MFG:					
			ENG.MGR:					
			OTHER:					
		3. INTERPRET DRAWING IN ACCORDANCE WITH D00-STD-100.	OTHER:		SCALE: 1:1		SHEET 1 OF 1	
DO NOT SCALE DRAWING								