

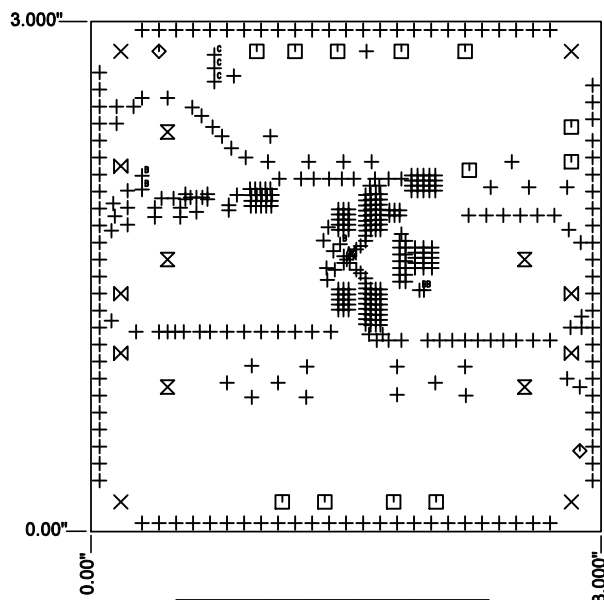
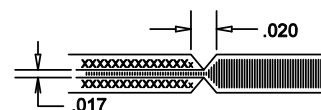
REVISION HISTORY				
ECO	REV	DESCRIPTION	APP. ENG.	DATE
-	03	PRODUCTION	WL	09-27-21

## LAYER STRUCTURE

THICKNESS (IN)		
.0005"	SOLDER MASK	
.0028"		TOP LAYER
.012"		PREPREG
.0028"		INNER LAYER
.028"		CORE MATERIAL
.0028"		INNER LAYER
.012"		PREPREG
.0028"		BOTTOM LAYER
.0005"	SOLDER MASK	

## NOTES: UNLESS OTHERWISE SPECIFIED

- FABRICATION: FABRICATION AND ACCEPTANCE TO MEET THE REQUIREMENTS OF IPC-A-600 AND IPC/ANSI-MLL950-C CLASS 2, AOL .25 GENERAL INSPECTION LEVEL II.
- MATERIAL: - EPOXY FIBERGLASS, NEMA GRADE FR-4  
- FINISHED THICKNESS TO BE 0.062" +/- .005"  
- TOTAL OF 4 LAYERS WITH 2 OZ. CU ON THE ALL LAYERS  
- FLAMMABILITY RATING: 94 V-0 MINIMUM.
- SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN 0.00" ARE PRIMARY DATUMS.
- DRILLING: - DRILL HOLES PER SCHEDULE. PLATE THROUGH HOLES WITH COPPER, 0.001" THICK MIN.  
- ALL HOLE SIZES ARE SPECIFIED AFTER PLATING.  
- HOLE LOCATION TOLERANCES ARE +/-0.003" IN RELATION TO CENTER.
- FINISH: - SMOBC USING LPI BOTH SIDES, COLOR GREEN. TENT BOTH SIDES.  
- GOLD IMMERSION BOTH SIDES.  
- FOR SILKSCREEN: BOTH SIDES USE WHITE NON-CONDUCTIVE INK.
- DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.  
PAD SIZE CAN BE MODIFIED TO MEET END FINISH.
- PCBS ARE TO BE RoHS COMPLIANT.
- SCORING FOR PANELIZED PCB:



SIZE	QTY	SYM	PLATED	TOL
0.01	5	⊕ <sup>B</sup>	YES	+/-0.003
0.011	5	⊕ <sup>A</sup>	YES	+/-0.003
0.012	393	⊕	YES	+/-0.003
0.04	3	⊕ <sup>E</sup>	YES	+/-0.003"
0.065	12	⊕	YES	+/-0.003"
0.07	2	⊕	NO	+/-0.003"
0.095	5	⊕	YES	+/-0.003"
0.19	4	⊕	YES	+/-0.003"
0.205	5	⊕	YES	+/-0.003

### ADDITIONAL REQUIREMENT FOR PROTOTYPE FAB ONLY:

- OUTGOING INSPECTION REPORT (BASED ON ACTUAL MEASUREMENTS AND CROSS SECTION).

### ADDITIONAL REQUIREMENTS FOR PRODUCTION FAB ONLY:

- PROVIDE COMPLIANCE CERTIFICATES FOR RoHS, REACH AND CONFLICT-FREE MINERALS.
- SOLDERABILITY BOARD WITH TEST RESULTS.
- OUTGOING INSPECTION REPORT (BASED ON ACTUAL MEASUREMENTS AND CROSS SECTION).
- VACUUM PACKED WITH DESICCANT.
- FULL PANEL WITH NO REJECT.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: 0.XX" = ±0.01" 0.XXX" = ±0.005" INTERPRET DIM AND TOL PER ASME Y14.5M-1994 THIRD ANGLE PROJECTION	APPROVALS		 FOR ADI CUSTOMER USE ONLY
	PCB DES	NC	TITLE: FABRICATION DRAWING 3.3V TO 0.85V AT 12.5A, 2MHz AUTOMOTIVE LOW EMI BUCK REGULATOR IN A 1.04cm² SOLUTION
	APP ENG	WL	
	SCALE = NONE		SIZE IC NO. LTC3311-0.85 N/A DEMO CIRCUIT 3059A
			REV 03 SHT 1 OF 1