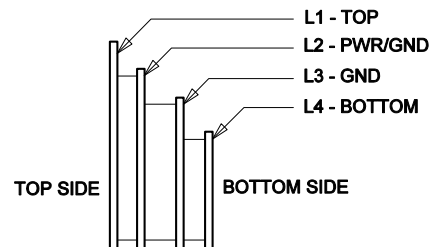


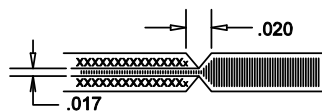
SIZE	QTY	SYM	PLATED	TOL
0.01	230	+	YES	+/-0.003"
0.19	4	×	YES	+/-0.003"
0.065	10	□	YES	+/-0.003"
0.205	5	◇	YES	+/-0.003"
0.07	2	⊗	NO	+/-0.003"
0.095	6	⊗	YES	+/-0.003"
0.005	6	⊖ <sup>A</sup>	YES	+/-0.003"
0.048	2	⊖ <sup>B</sup>	YES	+/-0.003"
0.042	1	⊖ <sup>C</sup>	YES	+/-0.003"
0.04	3	⊖ <sup>D</sup>	YES	+/-0.003"
0.035	4	⊖ <sup>E</sup>	YES	+/-0.003"

## LAYER STRUCTURE



## 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-O MINIMUM.
- SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN 0.00" ARE PRIMARY DATUMS.
- FRONT TO BACK LAYER REGISTRATION.  
-SHALL BE WITHIN 0.005" (0.13mm) TO COMPLY WITH IPC-A-600, CLASS 2.
- 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, PER IPC-SM-840, CLASS T, COLOR GREEN. TENT BOTH SIDES.  
- APPLY ELECTROLESS NICKEL GOLD IMMERSION (ENIG) OVER EXPOSED COPPER PER IPC-4552.  
- 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:



### 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.

REVISION HISTORY				
ECO	REV	DESCRIPTION	APP. ENG.	DATE
-	02	PRODUCTION	MM	09-20-19

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 5V, 3A SYNCHRONOUS STEP-DOWN SILENT SWITCHER	
	APP ENG	MM		
SCALE = NONE		SIZE	IC NO.	REV
		N/A	LTC3307 DEMO CIRCUIT 2990A	02