

SIZE	QTY	SYM	PLATED	TOL
0.01	565	+	YES	+/-0.003
0.006	9	X	YES	+/-0.003
0.187	4	□	NO	+/-0.003
0.095	9	◇	YES	+/-0.003
0.035	6	⊗	YES	+/-0.003
0.07	2	⊗	NO	+/-0.003
0.065	4	+ <sup>A</sup>	YES	+/-0.003
0.215	4	+ <sup>B</sup>	YES	+/-0.003
0.012	8	+ <sup>C</sup>	YES	+/-0.003

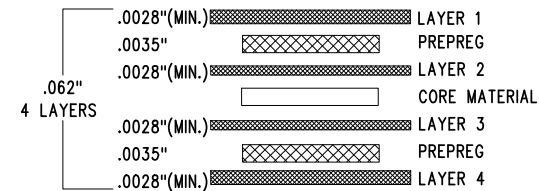
**ADDITIONAL REQUIREMENT FOR PROTOTYPE FAB ONLY:**

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

**ADDITIONAL REQUIREMENTS FOR PRODUCTION FAB ONLY:**

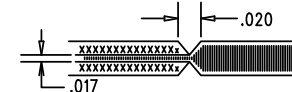
1. PROVIDE COMPLIANCE CERTIFICATES FOR RoHS, REACH AND CONFLICT-FREE MINERALS.
2. SOLDERABILITY BOARD WITH TEST RESULTS.
3. OUTGOING INSPECTION REPORT (BASED ON ACTUAL MEASUREMENTS AND CROSS SECTION).
4. VACUUM PACKED WITH DESICCANT.
5. FULL PANEL WITH NO REJECT.

## LAYER STRUCTURE



## NOTES: UNLESS OTHERWISE SPECIFIED

1. FAB PER IPC-A-600.
2. MATERIAL: -LEAD FREE ASSEMBLY COMPLIANT, ISOLA FR-370HR OR EQUIVALENT.  
-FINISHED THICKNESS TO BE 0.062 +/- .005  
-TOTAL OF 4 LAYERS WITH 2 OZ. CU ON THE OUTER LAYERS AND 2 OZ. CU ON THE INNER LAYERS.  
-FLAMMABILITY RATING: 94 V-0 MINIMUM.
3. SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.  
0.00" ARE PRIMARY DATUMS.
4. 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
5. FINISH: -SMOBC USING LPI BOTH SIDES, COLOR GREEN.  
-GOLD IMMERSION BOTH SIDES.  
-FOR SILKSCREENS: USE WHITE NON-CONDUCTIVE INK.
6. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.  
PAD SIZE CAN BE MODIFIED TO MEET END FINISH.
7. PCBs ARE TO BE RoHS COMPLIANT.
8. SCORING FOR PANELIZED PCB (PRODUCTION FAB ONLY):



UNLESS OTHERWISE SPECIFIED			
DIMENSIONS ARE IN INCHES		www.analog.com	
TOLERANCES:		TITLE: FABRICATION DRAWING	
0.XX" = ±0.01"		18V, 10A SYNCHRONOUS	
0.XXX" = ±0.005"		STEP-DOWN SILENT SWITCHER	
INTERPRET DIM AND TOL PER ASME Y14.5M-1994		SIZE	IC NO.
THIRD ANGLE PROJECTION		N/A	LT8642-1LQFN
		REV	2
		DC3162A	
		FILENAME: DC3162A-2.PCB	SHT 1 OF 1