











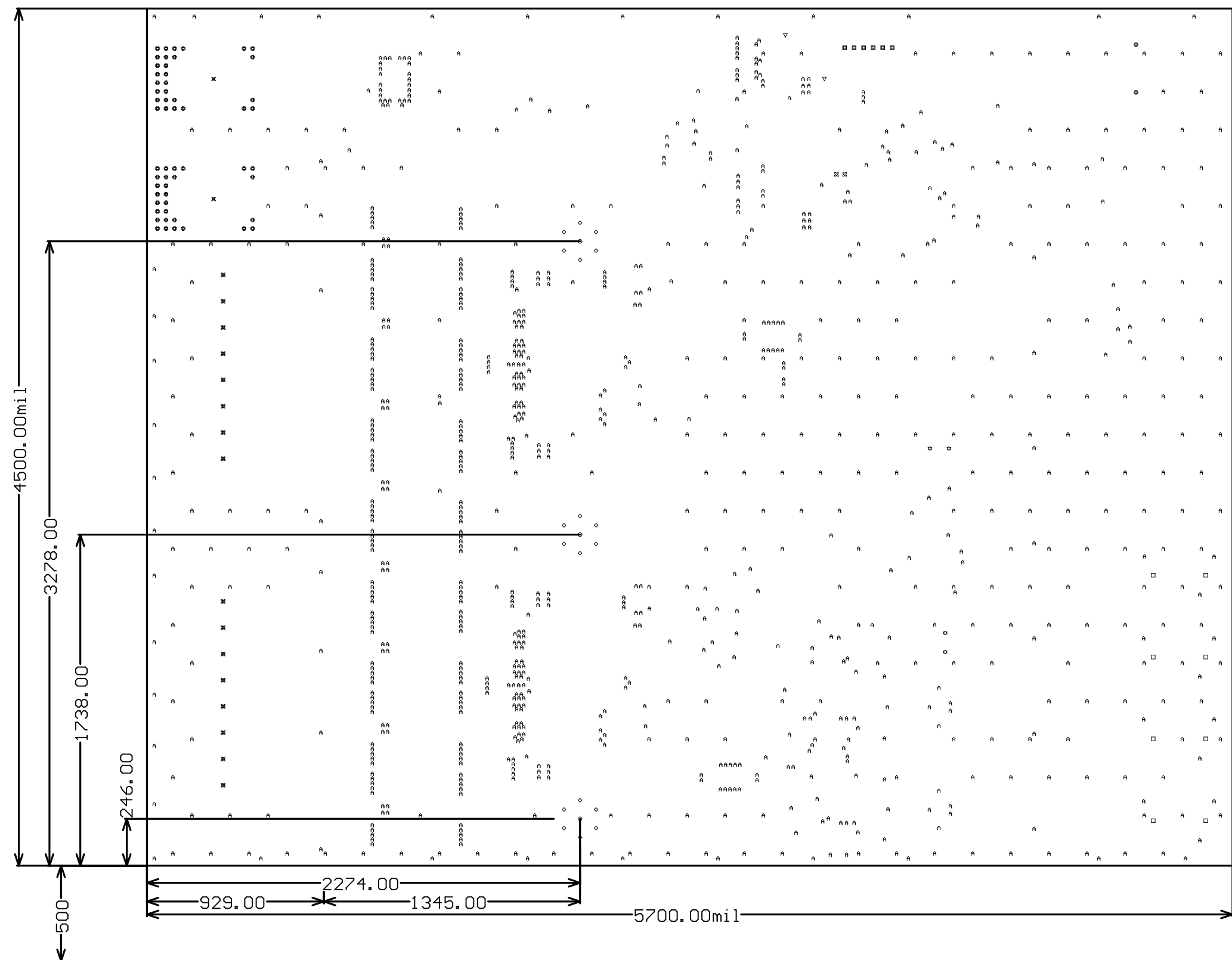


Symbol	Quantity	Finished Hole Size	Plated	Hole Type	Drill Layer Pair	Tolerance
	8	63.00mil (1.600mm)	NPTH	Round	Top Layer - Bottom Layer	
	2	7.87mil (0.200mm)	PTH	Round	Top Layer - Bottom Layer	
	980	10.00mil (0.254mm)	PTH	Round	Top Layer - Bottom Layer	
	56	16.00mil (0.406mm)	PTH	Round	Top Layer - Bottom Layer	
	18	19.69mil (0.500mm)	PTH	Round	Top Layer - Bottom Layer	
	6	26.00mil (0.660mm)	PTH	Round	Top Layer - Bottom Layer	
	4	40.16mil (1.020mm)	PTH	Round	Top Layer - Bottom Layer	
	16	47.24mil (1.200mm)	PTH	Round	Top Layer - Bottom Layer	
	2	51.18mil (1.300mm)	PTH	Round	Top Layer - Bottom Layer	
	2	63.00mil (1.600mm)	PTH	Round	Top Layer - Bottom Layer	
	3	137.80mil (3.500mm)	PTH	Round	Top Layer - Bottom Layer	
	2	188.00mil (4.775mm)	PTH	Round	Top Layer - Bottom Layer	
	1099 Total					

Layer	Name	Material	Thickness	Constant	Board Layer Stack
1	Top Overlay				
2	Top Solder	Solder Resist	0.40mil	3.5	
3	Top Layer	Copper	1.42mil		
4	Dielectric1	FR-4 High TG	10.00mil	4.3	
5	Signal Layer 1	Copper	1.42mil		
6	Dielectric 3	FR-4 High TG	36.00mil	4.3	
7	Signal Layer 2	Copper	1.42mil		
8	Dielectric 2	FR-4 High TG	10.00mil	4.3	
9	Bottom Layer	Copper	1.42mil		
10	Bottom Solder	Solder Resist	0.40mil	3.5	
11	Bottom Overlay				



DESIGN INFORMATION	
MIN. TRACK WIDTH:	<u>8</u> MIL
MIN. CLEARANCE:	<u>6</u> MIL
MIN. VIA PAD SIZE:	<u>22</u> MIL
MINIMUM ANNULAR RING 0.05mm (2MIL) EXTERNAL	
PER IPC-D-275 CLASS 2 LEVEL C	
REGISTRATION TOLERANCES: METAL +/- <u>5</u> MIL, HOLES +/- <u>3</u> MIL	
HOLE SIZE TOLERANCE (UNLESS OTHERWISE SPECIFIED): +/- <u>3</u> MIL	
MATERIAL:	
<input type="checkbox"/> FR-408	<input checked="" type="checkbox"/> FR-4 High Tg
<input type="checkbox"/> OTHER	
THICKNESS:	<input checked="" type="checkbox"/> 62 MIL (1.6mm) +/-10%
<input type="checkbox"/> OTHER	
TOLERANCE:	<input checked="" type="checkbox"/> ANSI IPC-6012 TYPE 3 CLASS 2
<input type="checkbox"/> OTHER +/-	
BOW & TWIST:	<input checked="" type="checkbox"/> ANSI IPC-6012 TYPE 3 CLASS 2
<input type="checkbox"/> OTHER +/-	
DRILLING:	
REFERENCE:	<input checked="" type="checkbox"/> AS SHOWN
<input checked="" type="checkbox"/> NC_DRILL FILES	
PTH MIN COPPER THICKNESS:	<input checked="" type="checkbox"/> 1MIL
<input type="checkbox"/> OTHER	
BOARD FINISH:	
SILKSCREEN:	<input checked="" type="checkbox"/> TOP
<input checked="" type="checkbox"/> BOTTOM	
SILKSCREEN COLOR:	<input checked="" type="checkbox"/> WHITE
<input type="checkbox"/> OTHER	
SOLDER RESIST COLOR:	<input checked="" type="checkbox"/> GREEN
<input type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> MATTE	<input type="checkbox"/> SEMI-GLOSS
SURFACE FINISH:	
<input checked="" type="checkbox"/> IMMERSION GOLD (ENG)	<input type="checkbox"/> ENEPIG
<input type="checkbox"/> IMM. TIN/SILVER OR EQUIV	<input type="checkbox"/> OTHER
ARRAY/PANEL:	
<input type="checkbox"/> CUT AND TRIM PER M1 BOARD OUTLINE	
<input type="checkbox"/> N.C. ROUTE	<input checked="" type="checkbox"/> V. SCORE
CERTIFICATION: MATERIALS AND WORKMANSHIP FOR ALL PCBs TO MEET OR EXCEED THE REQUIREMENTS OF:	
<input checked="" type="checkbox"/> ANSI IPC-A-600F CLASS ->	<input type="checkbox"/> 1
<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 3
<input checked="" type="checkbox"/> RoHS	<input type="checkbox"/> OTHER PER ORDER
ALL BOARDS MUST MEET OR EXCEED UL94-V0 REQUIREMENTS.	
PCB BEAR THE UL94V-0 UL REGISTERED MATERIAL ID NUMBER	
ADDITIONAL REQUIREMENTS:	
MICROSECTION:	<input type="checkbox"/> YES
BARE BOARD ELEC. TEST:	<input type="checkbox"/> NONE
<input checked="" type="checkbox"/> REQUIRED	<input type="checkbox"/> PER ORDER



PROJECT TITLE: Class D Amplifer With Switching Power Supply	
DESIGNED FOR: Public Release	
FILE NAME: TIDA00733_1 Class D Amp PCB.PcbDoc	
ENGINEER: M. Knapp	LAYOUT BY: M. Knapp
SCALE: 1.00	ALTUM DESIGNER VERSION: 17.1.5.472