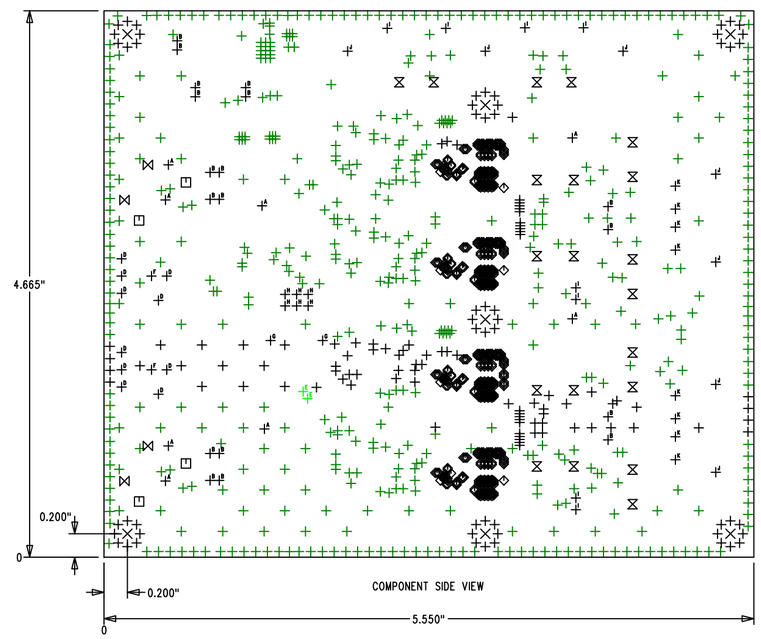
NOTES : UNLESS OTHERWISE SPECIFIED

1. BOARD TO BE MANUFACTURED AND INSPECTED PER IPC STANDARD IPC-6012A.
2. ALL ANNULAR RINGS .005" MINIMUM PER IPC STANDARDS.
3. ALL HOLE DIMENSIONS APPLY AFTER PLATING.
4. BOARD WARPAGE .01" PER INCH MAXIMUM.
5. FINISHED COPPER 2 OZ. MIN. TOP AND BOTTOM, 2 OZ. COPPER MIN. ON ALL INNER LAYERS.
6. TRACE FINISH TO BE ELECTROLESS NICKEL , IMMERSION GOLD
7. SOLDER MASK - BLUE LPI.
8. HOLE LOCATIONS PER PROVIDED DRILL DATA.
9. LEGEND - USE PROVIDED SILKSCREEN ARTWORK WITH WHITE EPOXY INK.
10. ALL DRILL HOLE TOLERANCES ARE +/- 0.003" UNLESS OTHERWISE NOTED.
11. NO VENDOR MARKINGS OR ALTERATIONS SHALL BE PERMITTED ON ANY METAL LAYERS.
12. BOARD THICKNESS SHALL BE .062" +/- 10%.

GERBER FILENAME		LAYER	SINGLE ENDED IMPEDANCE IMPEDANCE (OHMS)	SINGLE ENDED IMPEDANCE TRACE WIDTH (INCH)	DIFFERENTIAL IMPEDANCE IMPEDANCE (OHMS)	DIFFERENTIAL IMPEDANCE TRACE WIDTH (INCH)	DIFFERENTIAL IMPEDANCE TRACE GAP (INCH)	FINISHED COPPER WEIGHT	THICKNESS (INCH)
EPC9106-D.SSA.GBR		PRIMARY SILKSCREEN							
EPC9106-D.SMA.GBR		PRIMARY SOLDER MASK							
EPC9106-D.L01.GBR	L01	PRIMARY	50	0.007	-	-	-	2 oz	0.062" +/- .007"
		PRE-PREG							
EPC9106-D.L02.GBR	L02	PLANE (PWR/GND)						2 oz	
		CORE							
EPC9106-D.L03.GBR	L03	PLANE (PWR/GND)						2 oz	
		PRE-PREG							
EPC9106-D.L04.GBR	L04	SECONDARY						2 oz	
		CORE							
EPC9106-D.SMB.GBR		SECONDARY SOLDER MASK							
EPC9106-D.SSB.GBR		SECONDARY SILKSCREEN							

LAYER STACKUP CHART



COMPONENT SIDE VIEW

SIZE	QTY	SYM	PLATED	TOL
12	690		YES	+/3
125	7		YES	+/3
47	4		YES	+/3
6	460		YES	+/3
42	20		YES	+/3
63	4		NO	+/3
63	8	A	YES	+/3
28	18	B	YES	+/3
82	10	D	YES	+/3
17	2	E	YES	+/3
90	2	F	YES	+/3
78.74	2	G	YES	+/3
39.37	6	H	YES	+/3
45	8	I	YES	+/3
150	7	J	YES	+/3
32	8	K	YES	+/3

ELECTRICAL LAYER COUNT	LAYER ID	LAYER TITLE (VIEWED FROM PRIMARY SIDE A)	LAYER DESCRIPTION
4	DWG	DRILL DRAWING	

DESIGNED BY: Elegant Audio Solutions, Austin, Texas		DESIGNED FOR: EPC	
		BOARD NAME: EPC9106 Rev.D	
ENGINEER: D. CALDWELL	LAYOUT BY: elegant audio	CUSTOMER PART NO:	DATE: 12 MAY 2017