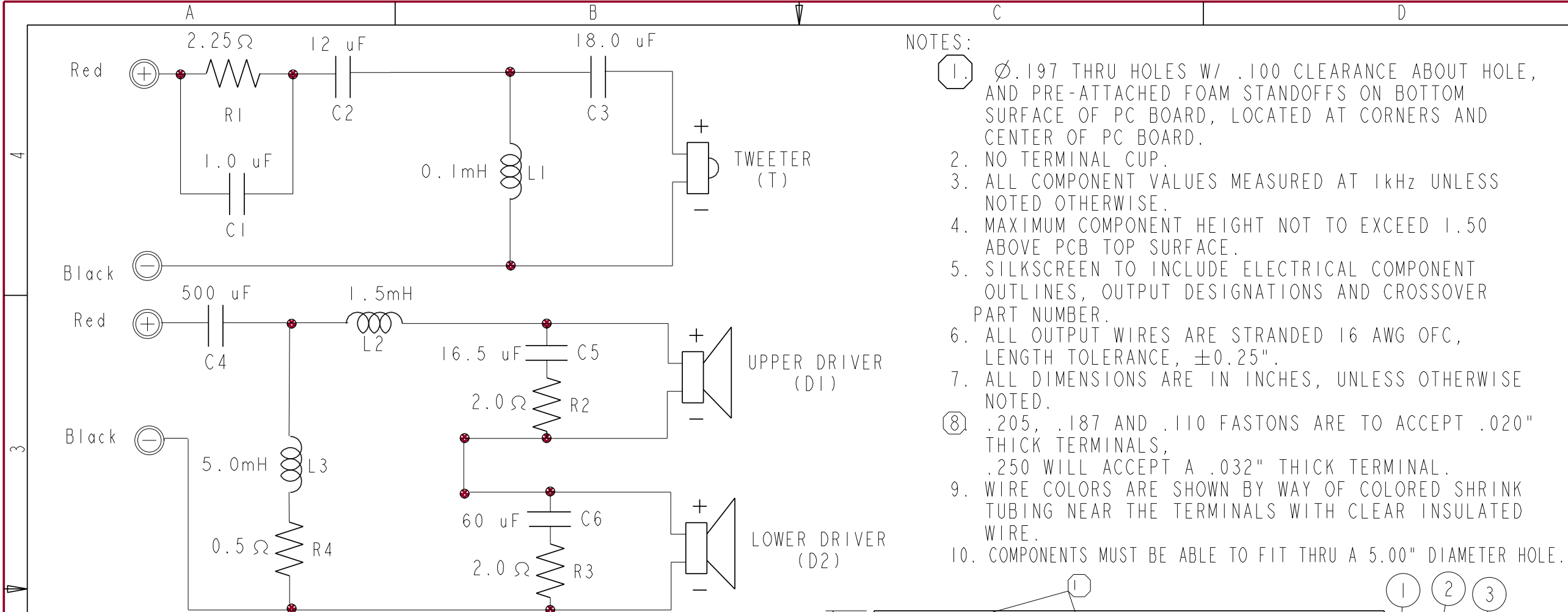


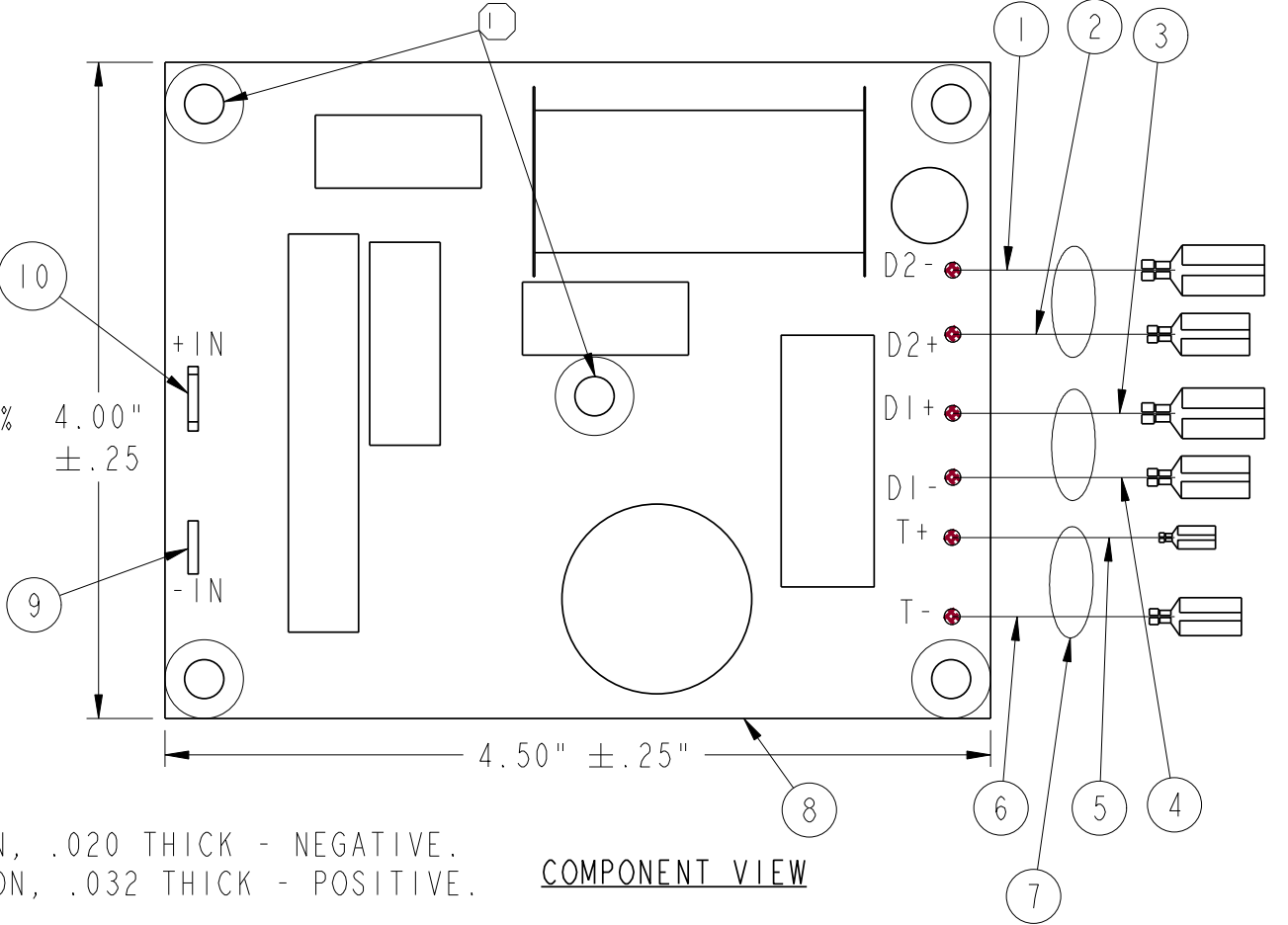


- NOTES:
- Ø.197 THRU HOLES W/ .100 CLEARANCE ABOUT HOLE, AND PRE-ATTACHED FOAM STANDOFFS ON BOTTOM SURFACE OF PC BOARD, LOCATED AT CORNERS AND CENTER OF PC BOARD.
 - NO TERMINAL CUP.
 - ALL COMPONENT VALUES MEASURED AT 1kHz UNLESS NOTED OTHERWISE.
 - MAXIMUM COMPONENT HEIGHT NOT TO EXCEED 1.50 ABOVE PCB TOP SURFACE.
 - SILKSCREEN TO INCLUDE ELECTRICAL COMPONENT OUTLINES, OUTPUT DESIGNATIONS AND CROSSOVER PART NUMBER.
 - ALL OUTPUT WIRES ARE STRANDED 16 AWG OFC, LENGTH TOLERANCE, ±0.25".
 - ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE NOTED.
 - .205, .187 AND .110 FASTONS ARE TO ACCEPT .020" THICK TERMINALS, .250 WILL ACCEPT A .032" THICK TERMINAL.
 - WIRE COLORS ARE SHOWN BY WAY OF COLORED SHRINK TUBING NEAR THE TERMINALS WITH CLEAR INSULATED WIRE.
 - COMPONENTS MUST BE ABLE TO FIT THRU A 5.00" DIAMETER HOLE.

COMPONENTS:

- C1 1.0uF, ±5%, 100V MYLAR FILM, DF ≤ 1%.
- C2 12uF, ±5%, 100V MYLAR FILM, DF ≤ 1%.
- C3 18uF, ±5%, 100V, MYLAR FILM, DF ≤ 1%.
- C4 500uF, ±5%, 100V, ELECTROLYTIC, DF ≤ 5%.
- C5 16.5 uF ± 5%, 100V, ELECTROLYTIC, DF ≤ 5%.
- C6 60 uF, ± 5%, 100V, ELECTROLYTIC, DF ≤ 5%.
- L1 0.1mH, ±5%, 22 AWG, AIR CORE, DCR=0.30Ω±5%.
- L2 1.5mH, ±5%, 19 AWG, LAMINATED STEEL CORE, DCR=0.35Ω±5%.
- L3 5.0mH, ±5%, 22 AWG, LAMINATED STEEL CORE, DCR=1.20Ω±5%.
- R1 1.75Ω±5% 5W.
- R2 2.0Ω±5% 5W.
- R3 2.0Ω±5% 10W.
- R4 0.5Ω±5%, 25W.

- ① WHITE WIRE 13" LONG, .205 FASTON.
- ② GREEN WIRE 13" LONG, .250 FASTON.
- ③ RED WIRE 15" LONG, .250 FASTON.
- ④ WHITE WIRE 15" LONG, .205 FASTON.
- ⑤ BLACK WIRE 15" LONG, .110 FASTON.
- ⑥ WHITE WIRE 15" LONG, .187 FASTON.
- ⑦ BLACK TAPE LOCATED 6" FROM FASTONS.
- ⑧ CIRCUIT BOARD.
- ⑨ .205 MALE FASTON, .020 THICK - NEGATIVE.
- ⑩ .250 MALE FASTON, .032 THICK - POSITIVE.



COMPONENT VIEW

APPROVED

COMPLETE APPROVAL ON

PART DESCRIPTION: X-OVER, LSi25		REVISION: PART NUMBER: RE3606-1		DATE:		ACQUATIC SYSTEM APPROVAL:		DATE:		QUALITY ASSURANCE APPROVAL:		DATE:		MECHANICAL DESIGN APPROVAL:		DATE:		SIZE: B	
DRAWING TYPE: PRODUCT		DRAWING NUMBER: BEP123		DATE:		ACQUATIC SYSTEM APPROVAL:		DATE:		QUALITY ASSURANCE APPROVAL:		DATE:		MECHANICAL DESIGN APPROVAL:		DATE:		SIZE: B	
DRAWN BY: D. FITZPATRICK		SCALE: N/A		SHEET: 1 OF 1		DATE: JUN 1, 2001		DATE:		DATE:		DATE:		DATE:		DATE:		SIZE: B	
TOL: 2 PLC: ±.03 [L.76]		3 PLC: ±.015 [L.38]		FRAC: ±1/32		ANG: ±0.5°		ECO NO: 000		DATE SYM: 8/21/01 B		DATE SYM: 8/7/01 A		DATE SYM: 8/7/01 A		DATE SYM: 8/7/01 A		DATE SYM: 8/7/01 A	
1.75Ω WAS 1.8Ω		1.8Ω WAS 2.25Ω		1.75Ω WAS 1.8Ω		1.8Ω WAS 2.25Ω		1.75Ω WAS 1.8Ω		1.8Ω WAS 2.25Ω		1.75Ω WAS 1.8Ω		1.8Ω WAS 2.25Ω		1.75Ω WAS 1.8Ω		1.8Ω WAS 2.25Ω	
DAF		DAF		DAF		DAF		DAF		DAF		DAF		DAF		DAF		DAF	
DR		DR		DR		DR		DR		DR		DR		DR		DR		DR	
CK		CK		CK		CK		CK		CK		CK		CK		CK		CK	
WHERE USED: LSi25		WHERE USED: LSi25		WHERE USED: LSi25		WHERE USED: LSi25		WHERE USED: LSi25		WHERE USED: LSi25		WHERE USED: LSi25		WHERE USED: LSi25		WHERE USED: LSi25		WHERE USED: LSi25	

