

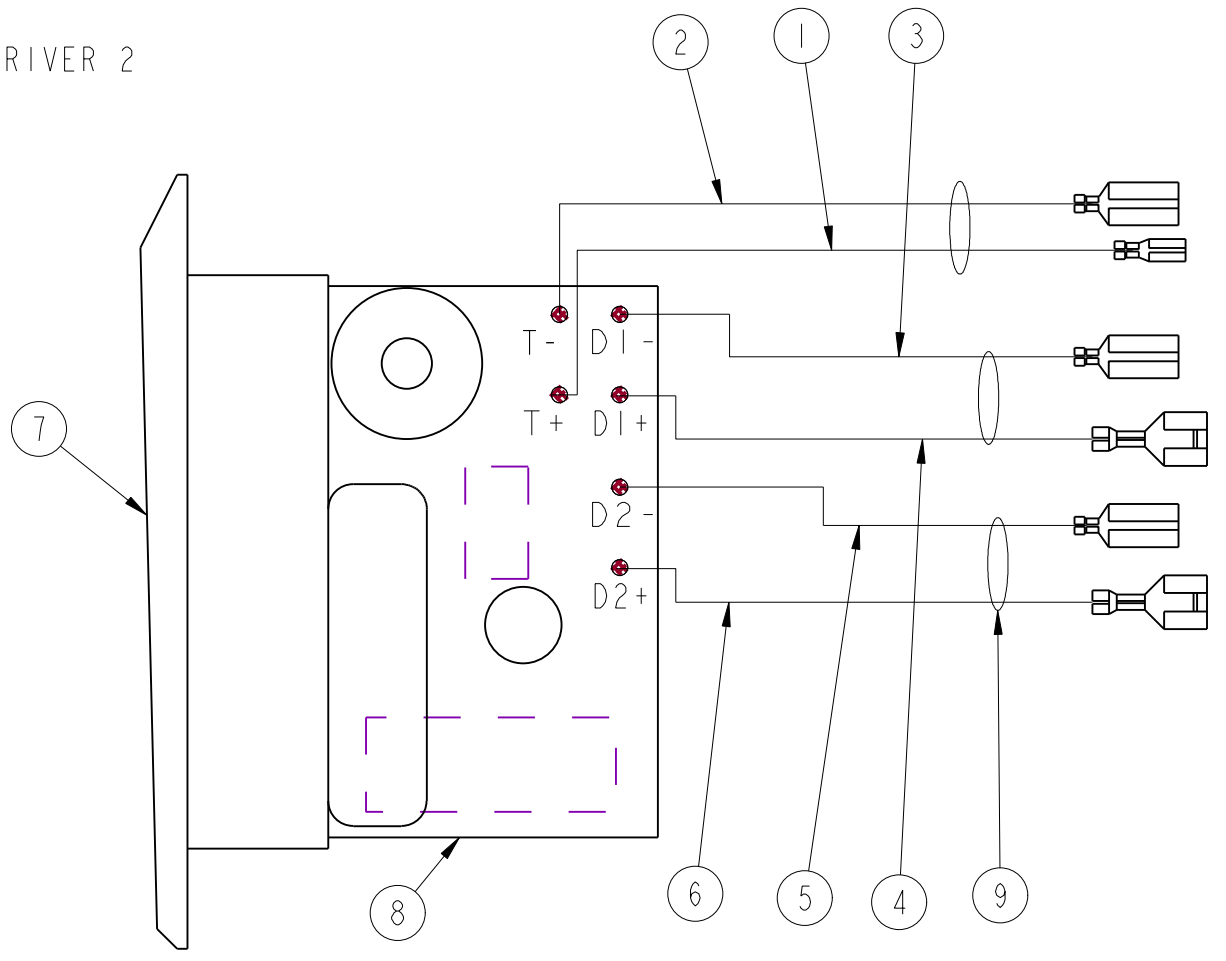
SCHEMATIC

COMPONENTS:

- C1 5.1uF, ±5%, 50V, NP Electrolytic, DF ≤ 5%
- C2 0.47uF±5%, 100V, MYLAR FILM, DF ≤ 1%
- C3 10uF,±5%, 50V, NP Electrolytic, DF≤ 10%
- L1 0.20mH±5%, DCR<0.38ohm±5%, 22 awg, air core
- L2 0.6mH,±5%, DCR<0.15ohm ±5% 18 awg, laminated steel core
- R1 1.5 ohm, ±5%, 5 watt.
- R2 4.0 ohm, ±5%, 5 watt.
- ① Black wire 12" long, .110 faston.
- ② White wire 12" long, .205 faston.
- ③ White wire 10" long, .205 faston.
- ④ Green wire 10" long, .250 faston.
- ⑤ White wire 15" long, .205 faston.
- ⑥ Red wire 15" long, .250 faston.
- ⑦ Terminal cup w/GOLD PLATED binding posts. (20-0134-0000 (MBP-1G-3HG terminal cup))
- ⑧ Circuit board size 2.7" X 2.0".
- ⑨ Tie located 6 inches from fastons.

NOTES:

1. BOARD MATERIAL: PHENOLIC 1 OZ. COPPER 0.062".
2. SILKSCREEN TO INCLUDE ELECTRICAL COMPONENT OUTLINES, OUTPUT DESIGNATIONS AND CROSSOVER PART NUMBER.
3. COMPONENTS MUST BE ABLE TO FIT THRU 2.9 X 2.1 MOUNTING HOLE.
4. ALL OUTPUT WIRES ARE STRANDED 18 AWG LENGTH TOLERANCE ±0.25".
5. ALL COMPONENT VALUES MEASURED AT 1kHz, UNLESS OTHERWISE SPECIFIED.
6. ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE NOTED.



COMPONENT VIEW

PART DESCRIPTION: CROSSOVER, CSI 30		DRAWING NUMBER: BEP176		REVISION: C		PART NUMBER: RE0900-1	
DRAWING TYPE: PRODUCT		DRAWN BY: JBP		DATE: 11AUG01		SHEET: 1 OF 1	
SCALE: N/A		ACQUANT ASSURANCE APPROVAL: DATE: 11/32		MECHANICAL DESIGN APPROVAL: DATE: 11/32		ECO NO: 000	
TOL: 2 PLC: ±.03 [L.76]		3 PLC: ±.015 [L.38]		DATE SYM: 22M001		WHERE USED: DR	
18MM02		C		REDUCED ALL WIRE LENGTHS BY 2"		JBP	
14N001		B		WIRE LENGTHS, 1 AND 2 WERE 15, 3 AND 4 WERE 18, 5 AND 6 WERE 15		JBP	
150C101		A		C1 5.1 WAS 8.0, C3 50V WAS 100V, L1 0.2 DCR<0.38 WAS 0.15 DCR<0.3, L1 1% WAS 5%, L2 0.15 WAS 10.30, R1 2.0 WAS 1.5, R2 4.0 WAS 5.0.		JBP	
22M001		A		ADD CIRCUIT BOARD SIZE, ADD P/N'S		JBP	
DATE		DATE		C3 100V WAS 50V, L1 & L2 DCR<0.3 WAS =0.3, ADDED CIRCUIT BOARD SIZE TBD, L1 WAS 18AWG, L2 WAS 20AWG		DR	
ANG: ±0.5°		MECHANICAL DESIGN APPROVAL: DATE:		REVISION RECORD		CK	

CADD data, if provided, is to assist in design and execution. however THIS DRAWING IS THE OFFICIAL PART SPECIFICATION

