



NOTES

1. RESISTORS ARE 1/2W COMP WITH VALUES IN OHMS UNLESS OTHERWISE NOTED. CAPACITOR VALUES ARE IN MICROFARADS.
2. RESISTOR WATTAGE 1/2 WATT; RESISTORS ABOVE 1 WATT ARE WIREWOUND UNLESS OTHERWISE NOTED.
3. RESISTOR TOLERANCES; COMPOSITION $\pm 10\%$; WIREWOUND $\pm 3\%$; FILM $\pm 1\%$; UNLESS OTHERWISE NOTED.
4. CAPACITOR TOLERANCES: ELECTROLYTIC -10% , $+100\%$; MYLAR $\pm 10\%$; UNLESS OTHERWISE NOTED.
5. SYMBOLS:
 - ⌚ INDICATES CLOCKWISE ROTATION OF SHAFT.
 - ⊥ INDICATES CONNECTION TO CHASSIS.
 - ⊕ INDICATES ADJUSTMENT OR CALIBRATION CONTROL.
 - INDICATES ACTUAL UNIT MARKING.
 - * SEE INSTRUCTION MANUAL.

- LAMBDA PT. NO. FBL-00-030; USE IN 4002 DIODE FOR REPLACEMENT UNLESS OTHERWISE NOTED.
- ⊕ INDICATES TERMINAL ON PRINTED WIRING BOARD.
- ⊖ INDICATES TERMINAL ON TERMINAL BOARD.
- ⊕ DESIGNATIONS ARE LAMBDA PART NUMBERS.
- 6. FOR OPERATION AT 47-53Hz, DELETE 30°C CURRENT RATING. FOR OPERATION AT 53-440Hz, CONSULT FACTORY.
- 8. CONDITIONS FOR CIRCUIT POINT MEASUREMENTS, CV AND CC INPUT: 115VAC, 60Hz; INDICATED VOLTAGES ARE TYPICAL VALUES AND ARE DC UNLESS OTHERWISE NOTED. DC MEASUREMENTS TAKEN WITH 20,000 OHMS/V VOLTMETER BETWEEN +S(TERM.7) & INDICATED POINTS UNLESS NOTED.
 - A. CONSTANT VOLTAGE
READ NOS. NOT IN PARENTHESES
OUTPUT: MAX RATED VOLTAGE, ZERO CURRENT

- B. CONSTANT CURRENT
READ NOS. IN PARENTHESES
OUTPUT: 0 VOLTS, MAX. RATED
CURRENT (SHORT CIRCUIT)
- 9. COAT BOTH SIDES OF INSULATING WAFER WITH DOW CORNING NO. 340 SILICONE GREASE.
- 10. □ INDICATES FRONT-PANEL MOUNTED COMPONENT.
 1. FOR UNITS WITH "V" OPTION, F1 IS 3A, R46 IS ADDED AND C13 IS 0.047 μ F/20V, 1000V, PAPER.
 2. ON UNITS WITH "V" OPTION T1 HAS TAPPED PRIMARY ("V" OPTION UNITS CAN BE WIRED FOR 187-242V INPUT (USING TAP) OR FOR 205-265V INPUT (USING ENTIRE PRIMARY).

FOR WIRING OF POWER SUPPLY TO LOAD REFER TO SUPPLY-TO-LOAD WIRING DIAGRAMS.
DOTTED CONNECTIONS SHOWN ON TBI INDICATE JUMPERS IN PLACE FOR LOCAL SENSING CONNECTION.

THIS SCHEMATIC APPLIES TO UNITS BEARING SERIAL NO. PREFIX A

SCHEMATIC DIAGRAM
REGULATED POWER SUPPLY
MODEL
LP-554-FM

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