

ABNORMAL TEST RESULT

OF MODEL LCA150S-12

1. Did Cheese Cloth or Paper Glow?

No.

2. Did Ground Fuse Open?

No.

3. Dielectric breakdown

No.

4. Other Results

See the following pages (1/10~10/10).

There was no emission of flame, molten metal, ignition of cheesecloth, dielectric breakdown, opening of the ground fuse, other indication of a shock or fire hazard.

ABNORMAL TEST RESULT

| Component | Mode | Comment | Output Voltage (V) |
|-----------|-------|------------------------|--------------------|
| C11 | Short | F11 opened, No hazard. | 0V |
| | Open | Normal operation. | |
| C14 | Short | F11 opened, No hazard. | 0V |
| | Open | Normal operation. | |
| C15 | Short | F11 opened, No hazard. | 0V |
| | Open | Normal operation. | |
| C21 | Short | Normal operation. | |
| | Open | Normal operation. | |
| C22 | Short | No hazard. | 0V |
| | Open | F11 opened, No hazard. | 0V |
| C23 | Short | Normal operation. | |
| | Open | Normal operation. | |
| C24 | Short | No hazard. | 0V |
| | Open | No hazard. | 0V |
| C25 | Short | Normal operation. | |
| | Open | Normal operation. | |
| C26 | Short | Normal operation. | |
| | Open | Normal operation. | |
| C51 | Short | Normal operation. | |
| | Open | Normal operation. | |

ABNORMAL TEST RESULT

| Component | Mode | Comment | Output Voltage (V) |
|-----------|-------|---|--------------------|
| C52 | Short | Normal operation. | |
| | Open | Normal operation. | |
| C53 | Short | No hazard. | 0V |
| | Open | Normal operation. | |
| C54 | Short | No hazard. | 0V |
| | Open | Normal operation. | |
| C55 | Short | No hazard. | 0V |
| | Open | Normal operation. | |
| C56 | Short | No hazard. | 0V |
| | Open | Normal operation. | |
| C57 | Short | Output voltage decreased. No hazard. | |
| | Open | Normal operation. | |
| C59 | Short | Normal operation. | |
| | Open | Normal operation. | |
| D11 | Short | Normal operation. | |
| | Open | R14 opened, No hazard. | 0V |
| D22 | Short | No hazard. | 0V |
| | Open | Output voltage decreased. No hazard. | |
| D23 | Short | Normal operation. | |
| | Open | Normal operation. | |

ABNORMAL TEST RESULT

| Component | | Mode | Comment | Output Voltage (V) |
|-----------|------|-------|-------------------|--------------------|
| F11 | | Short | Normal operation. | |
| | | Open | No hazard. | 0V |
| IC21 | 1-2 | Short | Normal operation. | |
| | 1 | Open | No hazard. | 0V |
| IC21 | 2-3 | Short | No hazard. | 0V |
| | 2 | Open | No hazard. | 0V |
| IC21 | 3-4 | Short | Normal operation. | |
| | 3 | Open | No hazard. | 0V |
| IC21 | 4-5 | Short | Normal operation. | |
| | 4 | Open | Normal operation. | |
| IC21 | 5-6 | Short | Normal operation. | |
| | 5 | Open | No hazard. | 0V |
| IC21 | 6-7 | Short | Normal operation. | |
| | 6 | Open | Normal operation. | |
| IC21 | 7-8 | Short | No hazard. | 0V |
| | 7 | Open | Normal operation. | |
| IC21 | — | — | — | |
| | 8 | Open | No hazard. | 0V |
| IC21 | 9-10 | Short | No hazard. | 0V |
| | 9 | Open | No hazard. | 0V |

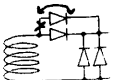
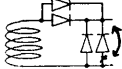

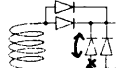
ABNORMAL TEST RESULT

| Component | | Mode | Comment | Output Voltage (V) |
|-----------|-------|-------|---|--------------------|
| IC21 | 10-11 | Short | No hazard. | 0V |
| | 10 | Open | F11 opened, No hazard. | 0V |
| IC21 | 11-12 | Short | Output voltage decreased. No hazard. | |
| | 11 | Open | Output voltage decreased. No hazard. | |
| IC21 | 12-13 | Short | Normal operation. | |
| | 12 | Open | Normal operation. | |
| IC21 | 13-14 | Short | Normal operation. | |
| | 13 | Open | No hazard. | 0V |
| IC21 | 14-15 | Short | Normal operation. | |
| | 14 | Open | Normal operation. | |
| IC21 | 15-16 | Short | No hazard. | 0V |
| | 15 | Open | Normal operation. | |
| IC21 | — | — | — | |
| | 16 | Open | No hazard. | 0V |
| IC51 | K-R | Short | Output voltage decreased. No hazard. | |
| | K | Open | No hazard. | 0V |
| IC51 | R-A | Short | Output voltage increased. No hazard. | |
| | R | Open | No hazard. | 0V |

ABNORMAL TEST RESULT

| Component | | Mode | Comment | Output Voltage (V) |
|----------------------|-----|-------|---|--------------------|
| IC51 | A-K | Short | Output voltage decreased. No hazard. | |
| | A | Open | No hazard. | 0V |
| L11 | | Short | F11 opened, No hazard. | 0V |
| | | Open | No hazard. | 0V |
| L12 | | Short | Normal operation. | |
| | | Open | No hazard. | 0V |
| L13 | | Short | Normal operation. | |
| | | Open | No hazard. | 0V |
| L51 | | Short | Output voltage decreased. No hazard. | |
| | | Open | No hazard. | 0V |
| PC21 (LED) | | Short | Normal operation. | |
| | | Open | Normal operation. | |
| PC21 (Transistor) | | Short | No hazard. | 0V |
| | | Open | Normal operation. | |
| PC22 (LED) | | Short | No hazard. | 0V |
| | | Open | No hazard. | 0V |
| PC22 (Transistor) | | Short | No hazard. | 0V |
| | | Open | No hazard. | 0V |

ABNORMAL TEST RESULT

| Component | | Mode | Comment | Output Voltage (V) |
|---|-----|-------|------------------------|--------------------|
| SCR11 | G-K | Short | R14 opened, No hazard. | 0V |
| | K | Open | R14 opened, No hazard. | 0V |
| SCR11 | A-K | Short | Normal operation. | |
| | A | Open | R14 opened, No hazard. | 0V |
| SCR11 | G-A | Short | Normal operation. | |
| | G | Open | R14 opened, No hazard. | 0V |
| SS11 | | Short | F11 opened, No hazard. | 0V |
| | | Open | No hazard. | 0V |
| SS51  | | Short | No hazard. | 0V |
| | | Open | Normal operation. | |
| SS51  | | Short | No hazard. | 0V |
| | | Open | Normal operation. | |
| SS52  | | Short | No hazard. | 0V |
| | | Open | Normal operation. | |
| SS52  | | Short | No hazard. | 0V |
| | | Open | Normal operation. | |
| SS53 | | Short | No hazard. | 0V |
| | | Open | Normal operation. | |

ABNORMAL TEST RESULT

| Component | | Mode | Comment | Output Voltage (V) |
|--------------------|-----|-------|------------------------|--------------------|
| T11 ①-⑥ | | Short | No hazard. | 0V |
| | | Open | No hazard. | 0V |
| T11 ⑤-④ | | Short | No hazard. | 0V |
| | | Open | No hazard. | 0V |
| T11 ⑫, ⑬ - ⑭, ⑮ | | Short | No hazard. | 0V |
| | | Open | No hazard. | 0V |
| T11 ⑦-⑥ | | Short | No hazard. | 0V |
| | | Open | R14 opened, No hazard. | 0V |
| TR21 | G-S | Short | No hazard. | 0V |
| | G | Open | F11 opened, No hazard. | 0V |
| TR21 | D-G | Short | F11 opened, No hazard. | 0V |
| | D | Open | No hazard. | 0V |
| TR21 | D-S | Short | F11 opened, No hazard. | 0V |
| | S | Open | No hazard. | 0V |
| ZD21 | | Short | No hazard. | 0V |
| | | Open | Normal operation. | |
| ZD51 | | Short | No hazard. | 0V |
| | | Open | Normal operation. | |

ABNORMAL TEST RESULT

| Component | Mode | Comment | Output Voltage (V) |
|-----------|------|---|--------------------|
| R11 | Open | Normal operation. | |
| R13 | Open | Normal operation. | |
| R14 | Open | Normal operation. | |
| R15 | Open | R14 opened, No hazard. | 0V |
| R17 | Open | Normal operation. | |
| R18 | Open | Normal operation. | |
| R21 | Open | Normal operation. | |
| R22 | Open | No hazard. | 0V |
| R23 | Open | No hazard. | 0V |
| R24 | Open | Output voltage decreased. No hazard. | |
| R26 | Open | Output voltage decreased. No hazard. | |
| R27 | Open | F11 opened, No hazard. | 0V |
| R28 | Open | Normal operation. | |
| R29 | Open | Output voltage decreased. No hazard. | |
| R30 | Open | Normal operation. | |
| R31 | Open | Normal operation. | |
| R32 | Open | Output voltage decreased. No hazard. | |
| R33 | Open | Normal operation. | |

ABNORMAL TEST RESULT

| Component | Mode | Comment | Output Voltage (V) |
|-----------|------|---|--------------------|
| R51 | Open | Normal operation. | |
| R52 | Open | Normal operation. | |
| R53 | Open | No hazard. | 0V |
| R54 | Open | Normal operation. | |
| R55 | Open | Normal operation. | |
| R57 | Open | Normal operation. | |
| R58 | Open | No hazard. | 0V |
| R59 | Open | Output voltage decreased. No hazard. | |
| R60 | Open | Normal operation. | |
| R61 | Open | Output voltage decreased. No hazard. | |