

MODEL KB-142

OPERATING INSTRUCTIONS

The Model KB-142 is a modern emission type tube tester incorporating recent improvements in tester circuitry to permit rapid and accurate testing of all modern tubes used in Radio, TV and Hi-Fi Systems.

The Model KB-142 like all professional type tube testers checks for shorts, leakages and quality of emission.

To prevent possible damage to the meter it is imperative that the tests for shorts and leakages be completed **before** testing for quality of emission for if a short exists in a tube, the meter may be damaged if the tube is checked for quality. The simple operating procedure outlined below was written to assure proper and safe usage. If you follow the steps as specified below, you will obtain quick and accurate testing and prevent any chance of damage.

1. Insert the line cord into any 110-120 volts AC socket.
2. Throw the power switch (located at the bottom right of the panel) up to its "on" position.
3. Locate the number of the tube to be tested in the tube chart (all tubes are listed in the numerical-alphabetical sequence) under the column headed "Tube."
4. Turn the "Fil-Volts" switch (located to the right of the meter) to the position specified in the column headed "Fil-Volts."
5. Move the "Type" slide switch (located at the bottom right of the panel) either up to the ■ position or down to the ▲ position as specified in the column headed "Type."
6. Throw the "Test" slide switch up to its "LKG" position.
7. Insert the tube to be tested into its correct socket as designated in the column headed "Socket," and connect the top cap lead if the tube has a top cap.

(continued on next page)

8. Rotate the "Element" switch (located to the left of the meter) through each of its positions noting the "LKG-Indicator" lamp. A glow in any of its positions except those listed in the "Disregard Indicator Lighting" column of the chart indicates a short in the tube.

This completes the "Short" test. If the tube does not show a short except in the positions indicated in the "Disregard Indicator Lighting" column, it is safe to continue with the quality test.

9. Rotate the "Element" switch to the position indicated in the "Element" column of the chart.
10. If the designation (S) appears in the "Element" column, move the "test" slide switch to the "Spec." (special) position. If the designation (S) does not appear in the Element column, move the "Test" slide switch down to the "Qual." (quality) position.
11. Rotate the "Load" control (located directly below the meter) to the position designated in the column headed "Load."
12. Read the quality directly on the meter.

NOTE — Tubes having more than one listing such as 6AU8, 6BZ7, 12SQ7, etc., are multi-section tubes and are equivalent to several tubes housed in the same envelope. All sections must test "good" for the tube to be acceptable. The letters "T.C." appearing in the Element column signify the "Top Cap" position of the Element switch.

High resistance types such as 1B3, 1X2 used as high voltage rectifiers in television receivers and low current battery tubes are read on the lower meter scale marked "Diodes — O.K." These tubes are indicated by *.

The Model KB-142 has a 7 pin and 9 pin pin straightener located at the bottom left of the panel. **Do not** insert any tube in either #1, 3, 5, or 7 sockets before inserting it into its pin straightener. This will **prevent** broken glass bases on these tubes and will protect the test sockets from bent tube pins.

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
KT66	D	▲	2	5	30	7
KT88	D	▲	2	5	30	7
XXB	B	▲	4	4	35	7, 8
XXB	B	▲	4	9	35	7, 8
XXD	E	▲	4	4	35	8
XXD	E	▲	4	9	35	8
XXFM	D	▲	4	3	35	8
*XXFM	D	▲	4	9	100	8
*XXFM	D	▲	4	6	100	8
XXL	D	▲	4	6	35	8
X-155	D	▲	1	2	40	5
X-155	D	▲	1	7	40	5
1A3	A	▲	5	3(S)	15	2, 6, 7
1A5	A	▲	2	5	30	7
1A7	A	▲	2	5	60	7
1AB5	A	▲	4	3	35	7, 8
1AB6	A	▲	5	4	60	7
1AC5	A	▲	1	2	60	5
1AC6	A	▲	5	4	60	7
1AD5	A	▲	1	2	60	5
1AE4	A	■	5	6	60	4, 7
1AF4	A	■	5	6	60	7
*1AF5	A	▲	5	3	100	7
1AF5	A	▲	5	6	65	7
*1AH5	A	▲	5	3	100	2, 7
1AH5	A	▲	5	6	60	2, 7
1AJ4	A	■	5	6	60	4, 7
*1AU3	A	■	2	T.C. (S)	100	DISREGARD SHORT TEST
*1AX2	A	■	7	T.C. (S)	100	DISREGARD SHORT TEST
*1B3	A	■	2	T.C. (S)	100	DISREGARD SHORT TEST
1B7	A	▲	2	5	60	7
1B8	A	▲	2	5	30	7
*1B8	A	▲	2	8	100	7
1B8	A	▲	2	T.C.	30	7
*1C3	A	▲	5	4	60	2, 7
1C5	A	▲	2	5	30	7
1C7	B	▲	2	5	60	7
1D5	B	▲	2	T.C.	60	7
1D7	B	▲	2	5	60	7
1D8	A	▲	2	4	40	7
*1D8	A	▲	2	8	100	7
1D8	A	▲	2	T.C.	40	7
1DN5	A	■	5	6	60	7

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
*1DN5	A	■	5	4	100	7
1E3	A	▲	1	1 (S)	60	3, 5
1E4	A	▲	2	5	60	7
1E5	B	▲	2	T.C.	35	7
1E7	B	▲	2	4	35	7
1E7	B	▲	2	5	35	7
1E8	A	▲	1	2	65	5
1F5	B	▲	2	5	30	7
*1F7	B	▲	2	4	100	7
*1F7	B	▲	2	5	100	7
1F7	B	▲	2	T.C.	40	7
*1G3	A	■	2	T.C. (S)	100	DISREGARD SHORT TEST
1G4	A	▲	2	5	30	7
1G5	B	▲	2	5	30	7
1G6	A	▲	2	4	30	7
1G6	A	▲	2	5	30	7
*1H2	A	■	7	T.C. (S)	100	DISREGARD SHORT TEST
1H4	B	▲	2	5	60	7
*1H5	A	▲	2	5	100	7
1H5	A	▲	2	T.C.	40	7
*1H6	B	▲	2	4	100	7
*1H6	B	▲	2	5	100	7
1H6	B	▲	2	6	35	7
*1J3	A	■	2	T.C. (S)	60	DISREGARD SHORT TEST
1J5	B	▲	2	5	30	7
1J6	B	▲	2	4	30	7
1J6	B	▲	2	5	30	7
*1K3	A	■	2	T.C. (S)	60	DISREGARD SHORT TEST
1L4	A	■	5	6	65	7
1L6	A	▲	5	4	65	7
1LA4	A	▲	4	6	60	8
1LA6	A	▲	4	4	60	8
1LB4	A	▲	4	6	60	8
1LB6	A	▲	4	6	60	8
1LC5	A	■	4	6	60	8
1LC6	A	▲	4	4	60	8
*1LD5	A	▲	4	4	100	8
1LD5	A	▲	4	6	60	8
1LE3	A	■	4	6	60	8
1LE4	A	▲	4	6	60	8
1LF4	A	▲	4	6	60	8
1LG4	A	■	4	6	60	8
1LG5	A	■	4	6	50	8

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
*1LH4	A	▲	4	4	100	8
1LH4	A	▲	4	6	60	8
1LN5	A	■	4	6	60	8
1M3	A	▲	1	8 (S)	100	2, 5
			(Indicator Only)			
1N5	A	▲	2	T.C.	60	7
1N6	A	▲	2	5	60	7
*1N6	A	▲	2	6	100	7
1P5	A	▲	2	T.C.	60	7
1Q5	A	▲	2	5	30	7
1Q6	A	▲	1	3	60	5
*1Q6	A	▲	1	6	100	5
*1R4	A	▲	4	4	100	8
1R5	A	■	5	4	60	7
*1S2	A	■	7	T.C. (S)	100	DISREGARD SHORT TEST
1S4	A	■	5	3	40	6, 7
*1S5	A	▲	5	3	100	7
1S5	A	▲	5	6	60	7
1SA6	A	▲	2	4	60	7
*1SB6	A	▲	2	5	100	7
1SB6	A	▲	2	8	35	7
1T4	A	■	5	6	60	7
1T5	A	▲	2	5	60	7
1U4	A	■	5	6	60	7
1U5	A	▲	5	6	60	7
*1U5	A	▲	5	4	100	7
1U6	A	▲	5	4	60	7
*1V2	A	▲	7	9 (S)	100	DISREGARD SHORT TEST
*1X2	A	■	7	T.C. (S)	100	DISREGARD SHORT TEST
*1Z2	A	■	7	T.C. (S)	100	DISREGARD SHORT TEST
2A4G	B	▲	2	3	60	7
2AF4	B	■	3	5	30	1, 2, 4, 6
*2B3	A	▲	2	T.C. (S)	100	1, 7, 8
2BN4	B	■	3	2	30	1, 4, 6
2CY5	B	■	3	1	30	4
2D21	D	■	3	1	15	4
2EA5	B	■	3	1	30	4
2EN5	B	▲	3	2	35	4
2EN5	B	▲	3	7	35	4
2ER5	B	■	3	2	30	4
2EV6	B	■	3	1	35	4
2FH5	B	■	3	2	30	4, 6
2FV6	B	▲	3	1	30	4

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
2FY5	B	■	3	2	35	4
2T4	B	▲	3	1	60	4
*2V2	B	▲	2	T.C. (S)	100	DISREGARD SHORT TEST
*2V3	B	▲	2	T.C. (S)	100	7
*3A2	B	■	7	T.C. (S)	100	DISREGARD SHORT TEST
*3A3	B	■	2	T.C. (S)	100	DISREGARD SHORT TEST
3A4	B	■	5	4	30	2, 6, 7
3AF4	B	■	3	5	60	1, 2, 4, 6
3AL5	B	▲	3	2	25	4
3AL5	B	▲	3	9	25	4
3AU6	B	▲	3	1	30	4
3AV6	B	▲	3	1	30	4
*3AV6	B	▲	3	5	100	4
*3AV6	B	▲	3	6	100	4
*3AW3	B	■	2	T.C. (S)	100	DISREGARD SHORT TEST
*3B2	B	▲	2	T.C. (S)	100	DISREGARD SHORT TEST
3B5	B	■	2	5	40	7, 8
3BA6	B	▲	3	1	30	4
3BC5	B	■	3	1	30	4
3BE6	B	▲	3	1	30	4
3BN4	B	■	3	2	30	1, 4, 6
3BN6	B	▲	3	5 (S)	100	4
3BU6	B	▲	3	1	35	4
*3BU6	B	▲	3	5	100	4
*3BU6	B	▲	3	6	100	4
3BU8	B	▲	1	7	30	5
3BX6	B	▲	1	2	30	1, 3, 4
3BY6	B	▲	3	1	35	4
3BZ6	B	▲	3	1	35	4
*3C2	B	■	2	T.C. (S)	100	DISREGARD SHORT TEST
3C4	B	■	7	6	30	7
3C5	B	■	2	5	40	7, 8
3CB6	B	▲	3	1	30	4
3CE5	B	▲	3	1	30	2, 4
3CF6	B	▲	3	1	30	4
3CS6	B	▲	3	1	30	4
3CY5	B	■	3	1	30	4
3DK6	B	▲	3	1	30	4
3DT6	B	▲	3	1	60	4
3E5	B	■	5	6	60	7
3E6	B	■	5	6	60	7
3EA5	B	■	3	1	30	4
3EJ7	B	▲	1	2	30	3, 5

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
3ER5	B	■	3	2	30	4
3ES5	B	■	3	2	30	4
3EV5	B	■	3	1	40	4
3FH5	B	■	3	2	30	4, 6
3FY5	B	■	3	2	35	4
3GS8	B	▲	1	7	30	5
3Q4	B	■	5	3	35	2, 7
3Q5	B	■	2	5	40	7
3S4	B	■	5	3	40	2, 6, 7
3V4	B	■	5	6	40	7
4A6	C	■	2	4	40	7, 8
4A6	C	■	2	5	40	7, 8
4AU6	C	▲	3	1	30	4
4AV6	C	▲	3	1	30	4
*4AV6	C	▲	3	5	100	4
*4AV6	C	▲	3	6	100	4
4BA6	C	▲	3	1	30	4
4BC5	C	■	3	1	30	4
4BC8	C	▲	1	2	30	5
4BC8	C	▲	1	7	30	5
4BE6	C	▲	3	1	30	4
4BL8	C	▲	1	2	35	5
4BL8	C	▲	1	9	35	5
4BN6	C	▲	3	5 (S)	100	4
4BQ7	C	▲	1	2	30	5
4BQ7	C	▲	1	7	30	5
4BS8	C	▲	1	2	30	5
4BS8	C	▲	1	7	30	5
4BU8	C	▲	1	7	30	5
4BX8	C	▲	1	2	35	5
4BX8	C	▲	1	7	35	5
4BZ6	C	▲	3	1	30	4
4BZ7	C	▲	1	2	30	5
4BZ7	C	▲	1	7	30	5
4BZ8	C	▲	1	2	30	5
4BZ8	C	▲	1	7	30	5
4CB6	C	▲	3	1	30	4
4CE5	C	■	3	1	30	4
4CS6	C	▲	3	1	30	4
4CX7	C	■	1	2	30	5
4CX7	C	■	1	7	30	5
4CY5	C	■	3	1	30	4
4DE6	C	▲	3	1	35	4

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
4DK6	C	▲	3	1	30	4
4DT6	C	▲	3	1	60	4
4ES8	C	▲	1	2	35	5
4ES8	C	▲	1	7	35	5
4EW6	C	▲	3	1	35	4
4GM6	C	▲	3	1	35	4
4GS8	C	▲	1	7	30	5
5A6	C	■	1	7	30	3, 5
5AM8	C	▲	1	2	30	5
5AM8	C	▲	1	8	30	5
5AN8	C	▲	1	2	30	5
5AN8	C	▲	1	8	30	5
5AQ5	C	■	3	1	35	4
5AR4	C	▲	2	4	40	9
5AR4	C	▲	2	6	40	9
5AS4	C	▲	2	4	30	9
5AS4	C	▲	2	6	30	9
5AS8	C	▲	1	2	30	5
5AS8	C	▲	1	6	30	5
5AT8	C	▲	1	1	30	5
5AT8	C	▲	1	9	30	5
5AU4	C	▲	2	4	30	9
5AU4	C	▲	2	6	30	9
5AV8	C	▲	1	2	30	5
5AV8	C	▲	1	6	30	5
5AW4	C	▲	2	4	30	9
5AW4	C	▲	2	6	30	9
5AX4	C	▲	2	4	30	9
5AX4	C	▲	2	6	30	9
5AZ4	C	▲	4	4	35	8
5AZ4	C	▲	4	6	35	8
5B8	C	▲	1	2	30	5
5B8	C	▲	1	6	30	5
5BC8	C	▲	1	2	35	5
5BC8	C	▲	1	7	35	5
5BE6	C	▲	3	1	30	4
5BE8	C	▲	1	1	30	5
5BE8	C	▲	1	9	30	5
5BK5	C	▲	1	3	35	5, 7
5BK7	C	▲	1	2	35	5
5BK7	C	▲	1	7	35	5
5BQ7	C	▲	1	2	30	5
5BQ7	C	▲	1	7	30	5

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
5BR8	C	▲	1	1	60	5
5BR8	C	▲	1	9	30	5
5BS8	C	▲	1	2	35	5
5BS8	C	▲	1	7	35	5
*5BT8	C	▲	1	1	100	5
*5BT8	C	▲	1	2	100	5
5BT8	C	▲	1	8	30	5
5BW8	C	▲	1	6	40	5
*5BW8	C	▲	1	1	100	5
*5BW8	C	▲	1	3	100	5
5BZ7	C	▲	1	2	30	5
5BZ7	C	▲	1	7	30	5
5CB8	C	▲	1	2	35	5
5CB8	C	▲	1	7	35	5
5CG8	C	▲	1	1	30	3, 5, 8
5CG8	C	▲	1	9	30	3, 5, 8
5CL8	C	▲	1	1	30	5
5CL8	C	▲	1	9	30	5
5CM6	C	▲	1	7	30	3, 5, 6
5CM8	C	▲	1	2	30	5
5CM8	C	▲	1	9	30	5
5CQ8	C	▲	1	2	30	5
5CQ8	C	▲	1	8	30	5
5CR8	C	▲	1	2	40	5
5CR8	C	▲	1	9	40	5
5CU4	C	▲	2	4	30	9
5CU4	C	▲	2	6	30	9
5EU8	C	▲	1	2	35	5
5EU8	C	▲	1	7	30	5
5CZ5	C	▲	1	7	30	3, 5, 6, 8
5DH8	C	▲	1	1	30	5
5DH8	C	▲	1	9	30	5
5EA8	C	▲	1	2	30	5
5EA8	C	▲	1	9	30	5
5EH8	C	▲	1	2	40	1, 5, 6
5EH8	C	▲	1	7	40	1, 5, 6
5EW6	C	▲	3	1	40	4
5FV8	C	▲	1	1	30	5
5FV8	C	▲	1	9	30	5
5GH8	C	▲	1	2	30	5
5GH8	C	▲	1	9	30	5
5GM6	C	▲	3	1	35	4
5J6	C	▲	3	5	30	4

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
5J6	C	▲	3	6	30	4
5R4	C	▲	2	4	35	9
5R4	C	▲	2	6	35	9
5T4	C	▲	2	4	30	9
5T4	C	▲	2	6	30	9
*5T8	C	▲	1	1	100	5
*5T8	C	▲	1	2	100	5
*5T8	C	▲	1	6	100	5
5T8	C	▲	1	8	30	5
5U4	C	▲	2	4	35	9
5U4	C	▲	2	6	35	9
5U8	C	▲	1	2	30	5
5U8	C	▲	1	9	30	5
5V3	C	▲	2	4	35	9
5V3	C	▲	2	6	35	9
5V4	C	▲	2	4	35	9
5V4	C	▲	2	6	35	9
5V6	C	▲	2	5	30	7
5W4	C	▲	2	4	35	9
5W4	C	▲	2	6	35	9
5X4	C	▲	6	3	25	8
5X4	C	▲	6	5	25	8
5X8	C	▲	1	2	35	5
5X8	C	▲	1	7	35	5
5Y3	C	▲	2	4	40	9
5Y3	C	▲	2	6	40	9
5Y4	C	▲	6	3	40	8
5Y4	C	▲	6	5	40	8
5Z4	C	▲	2	4	35	9
5Z4	C	▲	2	6	35	9
6A8	D	▲	2	5	30	7
6AB4	D	▲	3	6	30	4
6AB7	D	▲	2	4	30	7
6AB8	D	▲	1	2	30	5
6AB8	D	▲	1	9	30	5
6AC5	D	▲	2	5	30	7
6AC6	D	▲	2	5	30	7
6AC7	D	▲	2	4	30	7
6AD4	D	▲	2	1	30	7
6AD5	D	▲	2	5	30	7
6AD7	D	▲	2	1	30	7
6AD7	D	▲	2	5	30	7
6AD8	D	▲	1	2	35	5
*6AD8	D	▲	1	7	100	5

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
*6AD8	D	▲	1	8	100	5
6AE5	D	▲	2	5	30	7
6AE6	D	▲	2	5	30	7
6AE7	D	▲	2	4	30	7
6AE7	D	▲	2	6	30	7
6AE8	D	▲	1	2	30	5
6AE8	D	▲	1	7	30	5
6AF3	D	▲	7	9	30	5
6AF4	D	■	3	5	60	1, 2, 4, 6
6AF5	D	▲	2	5	30	7
6AF7	D	▲	2	3	60	7
6AF7	D	▲	2	6	60	7
6AG5	D	■	3	1	30	4
*6AG6	D	▲	6	5	30	8
6AG7	D	▲	2	4	30	7
6AH4	D	▲	2	1	30	7
6AH5	D	▲	2	6	30	7
6AH6	D	▲	3	1	30	4
6AH7	D	▲	6	1	30	8
6AH7	D	▲	6	5	30	8
6AJ5	D	■	3	1	30	4
6AJ7	D	▲	2	4	30	7
6AJ8	D	▲	1	2	30	5
6AJ8	D	▲	1	9	30	5
6AK5	D	■	3	1	30	4
6AK6	D	▲	3	1	30	4
6AK7	D	▲	2	4	30	3, 7
*6AK8	D	▲	1	2	100	5
*6AK8	D	▲	1	6	100	5
6AK8	D	▲	1	8	30	5
6AL5	D	▲	3	9	25	4
6AL5	D	▲	3	2	25	4
6AL6	D	▲	2	5	30	7
6AM5	D	▲	3	1	35	4
6AM8	D	▲	1	2	30	5
*6AM8	D	▲	1	8	100	5
6AN4	D	■	3	5	30	1, 2, 4, 6
6AN5	D	▲	3	1	30	2, 4
*6AN6	D	▲	5	1	100	7
*6AN6	D	▲	5	2	100	7
*6AN6	D	▲	5	3	100	7
*6AN6	D	▲	5	4	100	7
6AN7	D	▲	1	2	30	5

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
6AN7	D	▲	1	9	30	5
6AN8	D	▲	1	2	30	5
6AN8	D	▲	1	8	30	5
6AQ5	D	■	3	1	30	4
6AQ6	D	▲	3	1	30	4
*6AQ6	D	▲	3	5	100	4
*6AQ6	D	▲	3	6	100	4
*6AQ7	D	▲	6	1	100	8
*6AQ7	D	▲	6	3	100	8
6AQ7	D	▲	6	4	30	8
6AQ8	D	▲	1	2	30	5
6AQ8	D	▲	1	7	30	5
6AR5	D	▲	3	1	60	4
6AR8	D	▲	1	6	30	5
6AS5	D	▲	3	1	60	2, 4, 5
6AS6	D	▲	3	1	30	4
6AS7	D	▲	6	1	30	8
6AS7	D	▲	6	4	30	8
6AS8	D	▲	1	2	30	5
6AS8	D	▲	1	6	30	5
6AT6	D	▲	3	1	30	4
*6AT6	D	▲	3	5	100	4
*6AT6	D	▲	3	6	100	4
6AT8	D	▲	1	1	35	5
6AT8	D	▲	1	9	35	5
6AU4	D	▲	6	5	30	8
6AU5	D	▲	2	1	30	7
6AU6	D	▲	3	1	30	4
6AU7	D	■	1	2	30	5
6AU7	D	■	1	7	30	5
6AU8	D	▲	1	2	30	5
6AU8	D	▲	1	7	30	5
6AV4	D	▲	3	1	30	4
6AV4	D	▲	3	6	30	4
6AV5	D	▲	2	1	30	7
6AV6	D	▲	3	1	30	4
*6AV6	D	▲	3	5	100	4
*6AV6	D	▲	3	6	100	4
6AW6	D	▲	3	1	35	4
6AW8	D	▲	1	2	30	5
6AW8	D	▲	1	7	30	5
6AX4	D	▲	6	5	30	8
6AX5	D	▲	2	3	30	7

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
6AX5	D	▲	2	5	30	7
6AX6	D	▲	2	3	30	7
6AX6	D	▲	2	5	30	7
6AX7	D	■	1	2	30	5
6AX7	D	■	1	7	30	5
6AX8	D	▲	1	2	35	5
6AX8	D	▲	1	9	35	5
6AZ8	D	▲	1	6	30	5
6AZ8	D	▲	1	9	30	5
6B4	D	▲	2	5	30	7
6B6	D	▲	2	T.C.	30	7
*6B6	D	▲	2	4	100	7
*6B6	D	▲	2	5	100	7
6B8	D	▲	2	T.C.	30	7
*6B8	D	▲	2	4	100	7
*6B8	D	▲	2	5	100	7
6BA6	D	▲	3	1	30	4
6BA7	D	▲	1	2	30	5, 8
6BA8	D	▲	1	2	30	5
6BA8	D	▲	1	7	30	5
6BC4	D	■	1	6	30	2, 3, 5, 7, 8
6BC5	D	■	3	1	30	4
6BC6	D	▲	3	1	30	4
*6BC7	D	▲	1	2	100	5
*6BC7	D	▲	1	6	100	5
*6BC7	D	▲	1	8	100	5
6BC8	D	▲	1	2	30	5
6BC8	D	▲	1	7	30	5
*6BD4	D	▲	2	5(S)	100	7
6BD5	D	▲	2	1	30	7
6BD6	D	▲	3	1	30	4
6BD7	D	▲	1	2	30	5
*6BD7	D	▲	1	6	100	5
*6BD7	D	▲	1	8	100	5
6BE6	D	▲	3	1	30	4
6BE7	D	▲	1	7	30	5
6BE8	D	▲	1	1	30	5
6BE8	D	▲	1	9	30	5
6BF5	D	■	3	1	30	4
6BF6	D	▲	3	1	35	4
*6BF6	D	▲	3	5	100	4
*6BF6	D	▲	3	6	100	4
6BF7	D	▲	3	2	30	4

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
6BF7	D	▲	3	7	30	4
6BG6	D	▲	2	5	30	7
6BG7	D	▲	3	2	30	4
6BG7	D	▲	3	7	30	4
6BH5	D	▲	1	2	30	5
6BH6	D	▲	3	1	30	4
6BH8	D	▲	1	2	30	5
6BH8	D	▲	1	7	30	5
6BJ5	D	▲	3	1	35	4
6BJ6	D	▲	3	1	60	4
*6BJ7	D	▲	1	2	100	5
*6BJ7	D	▲	1	6	100	5
*6BJ7	D	▲	1	8	100	5
*6BJ8	D	▲	1	1	100	5
*6BJ8	D	▲	1	6	100	5
6BJ8	D	▲	1	8	35	5
6BK4	D	■	2	5	30	3, 4, 6, 7
6BK5	D	■	1	6	30	3, 5, 7
6BK6	D	▲	3	1	30	4
*6BK6	D	▲	3	5	100	4
*6BK6	D	▲	3	6	100	4
6BK7	D	▲	1	2	30	5
6BK7	D	▲	1	7	30	5
6BL4	D	▲	6	5	30	1, 2, 4, 6, 8
6BL7	D	▲	6	1	30	8
6BL7	D	▲	6	4	30	8
6BL8	D	▲	1	2	30	5
6BL8	D	▲	1	9	30	5
6BM5	D	▲	3	7	30	4
6BM8	D	▲	1	1	35	5
6BM8	D	▲	1	3	35	5
6BN4	D	■	3	2	30	1, 4, 6
6BN5	D	▲	1	2	35	5
6BN6	D	▲	3	5(S)	100	4
6BN7	D	▲	1	2	30	5
6BN7	D	▲	1	7	30	5
*6BN8	D	▲	1	1	100	5
*6BN8	D	▲	1	6	100	5
6BN8	D	▲	1	8	30	5
6BQ5	D	▲	1	3	35	1, 2, 5, 6, 8
6BQ6	D	▲	2	5	30	7
6BQ7	D	▲	1	2	30	5
6BQ7	D	▲	1	7	30	5

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
6BR5	D	▲	1	1	30	5
6BR7	D	▲	1	2	30	1, 5
6BR8	D	▲	1	1	60	5
6BR8	D	▲	1	9	30	5
6BS5	D	▲	1	2	30	5, 7, 8
6BS7	D	▲	1	2	30	1, 5
6BS8	D	▲	1	2	30	5
6BS8	D	▲	1	7	30	5
6BT6	D	▲	3	1	30	4
*6BT6	D	▲	3	5	100	4
*6BT6	D	▲	3	6	100	4
*6BT8	D	▲	1	1	100	5
*6BT8	D	▲	1	2	100	5
6BT8	D	▲	1	8	30	5
6BU5	D	▲	6	5	30	2, 6, 8
6BU6	D	▲	3	1	30	4
*6BU6	D	▲	3	5	100	4
*6BU6	D	▲	3	6	100	4
6BU8	D	▲	1	7	30	5
*6BV7	D	■	1	1	100	5
*6BV7	D	■	1	6	100	5
6BV7	D	■	1	8	35	5
6BV8	D	▲	1	2	30	5
*6BV8	D	▲	1	6	100	5
*6BV8	D	▲	1	9	100	5
6BW4	D	▲	1	1	35	5
6BW4	D	▲	1	7	35	5
6BW6	D	▲	1	3	35	1, 2, 5
6BW7	D	▲	1	2	30	3, 5
6BW8	D	▲	1	6	35	5
*6BW8	D	▲	1	1	100	5
*6BW8	D	▲	1	3	100	5
6BX4	D	▲	3	1(S)	15	4
6BX4	D	▲	3	6(S)	15	4
6BX6	D	▲	1	2	30	1, 5
6BX7	D	▲	6	1	30	8
6BX7	D	▲	6	4	30	8
6BX8	D	▲	1	2	35	5
6BX8	D	▲	1	7	35	5
6BY5	D	▲	2	4	30	7
6BY5	D	▲	2	5	30	7
6BY6	D	▲	3	1	35	4
6BY7	D	▲	1	2	35	1, 5

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
6BY8	D	▲	1	1	30	5
*6BY8	D	▲	1	6	100	5
6BZ6	D	▲	3	1	30	4
6BZ7	D	▲	1	2	35	5
6BZ7	D	▲	1	7	35	5
6BZ8	D	▲	1	2	40	5
6BZ8	D	▲	1	7	40	5
6C4	D	▲	3	6	35	1, 2, 4, 5
6C5	D	▲	2	5	35	7
6C8	D	▲	2	5	30	7
6C8	D	▲	2	T.C.	30	7
6CA4	D	■	1	1	30	2, 5, 6, 8
6CA4	D	■	1	7	30	2, 5, 6, 8
6CA5	D	▲	3	1	30	2, 4, 5
6CA7	D	▲	2	5	30	7
6CB6	D	▲	3	1	30	4
6CD6	D	▲	2	5	30	7
6CE5	D	■	3	1	30	4
6CF6	D	▲	3	1	30	4
6CG6	D	▲	3	1	30	4
6CG7	D	▲	1	2	30	5
6CG7	D	▲	1	7	30	5
6CG8	D	▲	1	1	30	3, 5, 8
6CG8	D	▲	1	9	30	3, 5, 8
6CH6	D	▲	1	2	30	1, 5
6CH7	D	■	1	2	35	5
6CH7	D	■	1	7	30	5
6CH8	D	▲	1	7	35	5
6CH8	D	▲	1	8	35	5
6CJ6	D	▲	1	2	30	1, 5, 6, 7
6CJ7	D	▲	1	2	35	1, 5, 6, 7
6CK4	D	▲	2	3	30	1, 7
6CK6	D	▲	1	2	30	5
6CL6	D	■	1	2	30	3, 5, 8
6CL8	D	▲	1	1	30	5
6CL8	D	▲	1	9	30	5
6CM6	D	■	1	7	30	3, 5, 6
6CM7	D	▲	1	7	30	5
6CM7	D	▲	1	8	30	5
6CM8	D	▲	1	2	30	5
6CM8	D	▲	1	9	35	5
*6CN7	D	■	1	1	100	5
*6CN7	D	■	1	2	100	5

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
6CN7	D	■	1	7	35	5
6CQ6	D	▲	3	1	30	4
6CQ8	D	▲	1	2	40	5
6CQ8	D	▲	1	9	40	5
*6CR6	D	▲	3	2	100	4
6CR6	D	▲	3	7	35	4
6CR8	D	▲	1	2	30	5
6CR8	D	▲	1	9	30	5
6CS6	D	▲	3	1	30	4
6CS7	D	▲	1	3	30	5
6CS7	D	▲	1	7	30	5
6CS8	D	▲	1	2	30	5
6CS8	D	▲	1	9	30	5
6CU5	D	▲	3	1	30	2, 4, 5
6CU6	D	▲	2	5	30	7
6CU8	D	▲	1	7	35	1, 5, 7
6CU8	D	▲	1	8	35	1, 5, 7
6CW5	D	▲	1	2	30	1, 3, 5, 6, 8
6CX7	D	■	1	2	30	5
6CX7	D	■	1	7	30	5
6CX8	D	▲	1	2	30	5
6CX8	D	▲	1	7	30	5
6CY5	D	■	3	1	30	4
6CY7	D	▲	1	3	30	2, 5
6CY7	D	▲	1	7	30	2, 5
6CZ5	D	▲	1	7	35	3, 5, 6, 8
6D4	D	▲	3	1	30	4
6D8	D	▲	2	5	30	7
6DA4	D	▲	6	5	30	8
*6DA5	D	▲	1	1(S)	100	5
6DA6	D	▲	1	2	35	5
6DA7	D	▲	1	3	40	5
6DA7	D	▲	1	7	40	5
6DB5	D	▲	1	1(S)	30	2, 3, 5, 6, 7, 8
6DB6	D	▲	3	1	30	4
6DC6	D	▲	3	1	30	4
6DE4	D	▲	6	5	35	2, 8
6DE6	D	▲	3	1	30	4
6DE7	D	▲	1	8	35	2, 3, 5
6DE7	D	▲	1	9	35	2, 3, 5
6DG6	D	▲	2	5	30	7
6DJ8	D	■	1	2	35	5
6DJ8	D	■	1	7	35	5

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
6DK6	D	▲	3	1	30	4
6DN6	D	▲	2	5	30	7
6DN7	D	▲	6	1	35	8
6DN7	D	▲	6	4	35	8
*6DQ5	D	■	2	4	30	1, 3, 5, 6, 7
6DQ6	D	▲	2	5	30	7
6DR7	D	▲	1	8	35	2, 3, 5
6DR7	D	▲	1	9	35	2, 3, 5
6DS5	D	■	3	1	30	4, 7
6DT5	D	▲	1	7	30	3, 5, 6, 8
6DT6	D	▲	3	1	60	4
6DT8	D	■	1	2	35	5
6DT8	D	■	1	7	35	5
6DW5	D	▲	1	7	30	3, 6
6DY7	D	▲	2	1	30	7
6DY7	D	▲	2	5	30	7
6DZ7	D	▲	2	1	30	7
6DZ7	D	▲	2	5	30	7
6DZ8	D	▲	1	1	30	5
6DZ8	D	▲	1	3	30	5
6E8	D	▲	2	5	30	7
6EA5	D	■	3	1	30	4
6EA7	D	▲	6	1	30	8
6EA7	D	▲	6	4	30	8
6EA8	D	▲	1	2	35	5
6EA8	D	▲	1	9	30	5
6EB5	D	▲	3	2	30	4
6EB5	D	▲	3	7	30	4
6EB8	D	▲	1	2	35	5
6EB8	D	▲	1	7	35	5
6EF6	D	▲	2	5	30	7
6EG6	D	▲	3	1	40	4
6EH5	D	▲	3	1	35	2, 4, 5
6EH8	D	▲	1	2	40	1, 5, 6
6EH8	D	▲	1	7	40	1, 5, 6
6EJ7	D	▲	1	2	30	3, 5
6EM5	D	▲	1	7	30	3, 5, 6, 8
6EM7	D	▲	6	1	30	8
6EM7	D	▲	6	4	30	8
6ER5	D	■	3	2	30	4
6ES5	D	■	3	2	30	4
6ES8	D	■	1	2	40	5
6ES8	D	■	1	7	40	5

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
6EU8	D	▲	1	2	35	5
6EU8	D	▲	1	7	30	5
6EV5	D	■	3	1	40	4
6EV7	D	▲	1	2	30	5
6EV7	D	▲	1	7	30	5
6EW6	D	▲	3	1	40	4
6EW7	D	▲	1	7	30	5
6EW7	D	▲	1	9	30	5
6EX6	D	▲	2	5	30	7
6EY6	D	▲	2	5	30	7
6EZ5	D	▲	2	5	30	7
6EZ8	D	▲	1	2	30	5
6EZ8	D	▲	1	7	30	5
6EZ8	D	▲	1	9	30	5
6F5	D	▲	2	T.C.	35	7
6F6	D	▲	2	5	30	7
6F8	D	▲	2	5	30	7
6F8	D	▲	2	T.C.	30	7
6FG5	D	■	3	1	30	4
6FH5	D	■	3	2	30	4, 6
6FH6	D	▲	2	5	30	7
6FM8	D	▲	1	8	35	5
6FM8	D	▲	1	2	40	5
6FM8	D	▲	1	6	40	5
6FV6	D	▲	3	1	35	4
6FV8	D	▲	1	1	30	5
6FV8	D	▲	1	9	30	5
6FY5	D	■	3	2	30	4
6FY8	D	▲	1	1	30	5
6FY8	D	▲	1	3	30	5
6GC6	D	■	2	5	30	7
6G6	D	▲	2	5	30	7
6G7	D	▲	2	T.C.	40	7
6GB5	D	■	1	T.C. (S)	100	DISREGARD SHORT TEST
6GE8	D	▲	1	3	35	5
6GE8	D	▲	1	8	30	5
6GH8	D	▲	1	2	35	5
6GH8	D	▲	1	9	35	5
6GJ8	D	▲	1	2	30	5
6GJ8	D	▲	1	9	35	5
6GK6	D	■	1	2	30	5
6GM6	D	▲	3	1	35	4
6GN6	D	▲	3	1	35	4

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
*6GN6	D	▲	3	7	100	4
6GN8	D	▲	1	2	30	5
6GN8	D	▲	1	7	30	5
6GS8	D	▲	1	7	30	5
6GW8	D	▲	1	1	35	5
6GW8	D	▲	1	8	30	5
*6H4	D	▲	2	4	100	7
6H6	D	▲	2	3	30	7
6H6	D	▲	2	5	30	7
6H7	D	▲	2	5	30	7
6H7	D	▲	2	T.C.	40	7
*6H8	D	▲	2	4	100	7
*6H8	D	▲	2	5	100	7
6H8	D	▲	2	T.C.	35	7
6HG8	D	▲	1	2	30	1, 3, 5
6HG8	D	▲	1	6	30	1, 3, 5
6HS8	D	▲	1	7	30	5
6J4	D	▲	3	2	30	1, 4, 5, 6
6J5	D	▲	2	5	30	7
6J6	D	▲	3	5	30	4
6J6	D	▲	3	6	30	4
6J7	D	▲	2	T.C.	30	7
6J8	D	▲	2	5	75	7
6J8	D	▲	2	T.C.	40	7
6K5	D	▲	2	T.C.	35	7
6K6	D	▲	2	5	30	7
6K7	D	▲	2	T.C.	30	7
6K8	D	▲	2	5	35	7
6L5	D	▲	2	5	35	7
6L6	D	▲	2	5	30	7
6L7	D	▲	2	T.C.	35	7
6M5	D	▲	1	2	35	5
6M6	D	▲	2	5	30	7
6M7	D	▲	2	3	35	7
6M8	D	▲	2	5	35	7
*6M8	D	▲	2	8	100	7
6M8	D	▲	2	T.C.	35	7
6N4	D	■	3	1	30	2, 4, 6
6N6	D	▲	2	5	30	7
6N7	D	▲	2	4	30	7
6N7	D	▲	2	5	30	7
6N8	D	▲	1	2	30	5
*6N8	D	▲	1	7	100	5

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
*6N8	D	▲	1	8	100	5
6P5	D	▲	2	5	30	7
6P8	D	▲	2	5	30	7
6P8	D	▲	2	T.C.	30	7
6Q4	D	▲	1	9	35	1, 2, 5, 7, 8
6Q5	D	▲	2	5	30	7
*6Q6	D	▲	2	5	100	7
6Q6	D	▲	2	T.C.	35	7
*6Q7	D	▲	2	4	100	7
*6Q7	D	▲	2	5	100	7
6Q7	D	▲	2	T.C.	35	7
6R3	D	▲	7	9	30	5
6R4	D	▲	1	1	35	5
6R6	D	▲	2	T.C.	30	7
*6R7	D	▲	2	4	100	7
*6R7	D	▲	2	5	100	7
6R7	D	▲	2	T.C.	30	7
6R8	D	▲	1	1	65	5
6R8	D	▲	1	2	65	5
6R8	D	▲	1	6	65	5
6R8	D	▲	1	8	35	5
6S2	D	▲	7	T.C. (S)	35	5
6S4	D	▲	1	2	30	1, 3, 5, 6, 7, 8
6S5	D	▲	2	4	30	7
6S6	D	▲	2	T.C.	35	7
6S7	D	▲	2	T.C.	35	7
*6S8	D	▲	6	1	100	8
*6S8	D	▲	6	3	100	8
*6S8	D	▲	6	4	100	8
6S8	D	▲	6	T.C.	35	8
6SA7	D	▲	2	5	35	7
6S37Y	D	▲	2	5	35	7
6SC7	D	▲	6	3	30	8
6SC7	D	▲	6	4	30	8
6SD7	D	▲	2	4	30	7
6SE7	D	▲	2	4	30	7
6SF5	D	▲	6	3	35	8
6SF7	D	▲	6	2	30	8
*6SF7	D	▲	6	5	100	8
6SG7	D	▲	2	4	30	3, 5, 7
6SH7	D	▲	2	4	30	3, 5, 7
6SJ7	D	▲	2	4	30	7
6SK7	D	▲	2	4	30	7

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
6SL7	D	▲	6	1	30	8
6SL7	D	▲	6	4	30	8
6SN7	D	▲	6	1	30	8
6SN7	D	▲	6	4	30	8
6SQ7	D	▲	6	2	30	8
*6SQ7	D	▲	6	4	100	8
*6SQ7	D	▲	6	5	100	8
6SR7	D	▲	6	2	30	8
*6SR7	D	▲	6	4	100	8
*6SR7	D	▲	6	5	100	8
6SS7	D	▲	2	4	30	7
6ST7	D	▲	6	2	30	8
*6ST7	D	▲	6	4	100	8
*6ST7	D	▲	6	5	100	8
6SU7	D	▲	6	1	30	8
6SU7	D	▲	6	4	30	8
6SV7	D	▲	6	2	30	8
*6SV7	D	▲	6	5	100	8
6SZ7	D	▲	6	2	30	8
*6SZ7	D	▲	6	4	100	8
*6SZ7	D	▲	6	5	100	8
6T4	D	■	3	1(S)	35	2, 4, 6
6T6	D	▲	2	T.C.	35	7
*6T7	D	▲	2	4	100	7
*6T7	D	▲	2	5	100	7
6T7	D	▲	2	T.C.	35	7
*6T8	D	▲	1	1	100	5
*6T8	D	▲	1	2	100	5
*6T8	D	▲	1	6	100	5
6T8	D	▲	1	8	30	5
6U3	D	▲	1	9(S)	35	1, 2, 5, 6, 7, 8
6U4	D	▲	6	5	30	8
6U6	D	▲	2	5	30	7
6U7	D	▲	2	T.C.	30	7
6U8	D	▲	1	2	30	5
6U8	D	▲	1	9	30	5
6V3	D	▲	7	9	30	5
6V4	D	■	1	7	35	2, 5, 6, 8
6V4	D	■	1	1	35	2, 5, 6, 8
6V5	D	▲	6	5	30	8
6V6	D	▲	2	5	30	7
*6V7	D	▲	2	4	100	7
*6V7	D	▲	2	5	100	7

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
6V7	D	▲	2	T.C.	35	7
*6V8	D	▲	1	2	100	5
6V8	D	▲	1	6	35	5
*6V8	D	▲	1	7	100	5
*6V8	D	▲	1	9	100	5
6W4	D	▲	6	5	35	8
6W5	D	▲	2	3	35	7
6W5	D	▲	2	5	35	7
6W6	D	▲	2	5	30	7
6W7	D	▲	2	T.C.	35	7
6X4	D	▲	3	1	30	4
6X4	D	▲	3	6	30	4
6X5	D	▲	2	3	30	7
6X5	D	▲	2	5	30	7
6X6	D	▲	2	4	30	7
6X8	D	▲	1	2	35	5
6X8	D	▲	1	7	35	5
6Y3	D	▲	2	T.C. (S)	30	7
6Y6	D	▲	2	5	30	7
6Y7	D	▲	2	4	30	7
6Y7	D	▲	2	5	30	7
6Z6	D	▲	2	3	30	7
6Z6	D	▲	2	5	30	7
6Z7	D	▲	2	4	35	7
6Z7	D	▲	2	5	35	7
6ZY5	D	▲	2	3	30	7
6ZY5	D	▲	2	5	30	7
7A4	D	▲	4	6	35	8
7A5	D	▲	4	6	30	8
7A6	D	▲	4	3	35	8
7A6	D	▲	4	6	35	8
7A7	D	▲	4	6	35	8
7A8	D	▲	4	4	35	8
7AD7	D	▲	4	6	30	8
7AF7	D	▲	4	4	30	8
7AF7	D	▲	4	9	30	8
7AG7	D	■	4	6	30	8
7AH7	D	■	4	6	35	8
7AJ7	D	■	4	6	35	8
7AK7	D	▲	4	6	35	8
7AN7	D	▲	4	2	35	5
7AN7	D	▲	4	6	35	5
7AU7	D	■	1	2	30	5

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
7AU7	D	■	1	7	30	5
7B4	D	▲	4	6	35	8
7B5	D	▲	4	6	30	8
7B6	D	▲	4	3	35	4, 7, 8
*7B6	D	▲	4	9	100	4, 7, 8
*7B6	D	▲	4	6	100	4, 7, 8
7B7	D	▲	4	6	35	8
7B8	D	▲	4	4	35	8
7C4	D	▲	4	4	60	8
7C5	D	▲	4	6	30	8
7C6	D	▲	4	3	35	4, 7, 8
*7C6	D	▲	4	9	100	4, 7, 8
*7C6	D	▲	4	6	100	4, 7, 8
7C7	D	▲	4	6	35	8
7D7	D	▲	4	4	30	8
7D7	D	▲	4	6	30	8
7E5	D	▲	4	1	30	3, 4, 6, 8
7E6	D	▲	4	3	35	4, 8
*7E6	D	▲	4	9	100	4, 8
*7E6	D	▲	4	6	100	4, 8
*7E7	D	▲	4	3	100	8
*7E7	D	▲	4	4	100	8
7E7	D	▲	4	6	35	8
7EY6	D	▲	2	5	30	7
7F7	D	▲	4	4	30	8
7F7	D	▲	4	9	30	8
7G7	D	▲	4	6	30	8
7G8	D	▲	4	4	30	8
7G8	D	▲	4	9	30	8
7H7	D	▲	4	6	35	8
7J7	D	▲	4	4	35	8
7J7	D	▲	4	6	35	8
7K7	D	▲	4	4	35	8
*7K7	D	▲	4	9	100	8
*7K7	D	▲	4	6	100	8
7L7	D	▲	4	6	35	8
7N7	D	▲	4	4	30	8
7N7	D	▲	4	9	30	8
7Q7	D	▲	4	4	35	8
*7R7	D	▲	4	3	100	8
*7R7	D	▲	4	4	100	8
7R7	D	▲	4	6	35	8
7S7	D	▲	4	4	35	8

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
7S7	D	▲	4	6	35	8
7T7	D	▲	4	6	35	8
7V7	D	▲	4	6	35	8
7W7	D	▲	4	6	35	8
7X6	D	▲	4	3	30	8
7X6	D	▲	4	6	30	8
7X7	D	▲	4	3	35	8
*7X7	D	▲	4	9	100	8
*7X7	D	▲	4	6	100	8
7Y4	D	▲	4	3	30	8
7Y4	D	▲	4	6	30	8
7Z4	D	▲	4	3	30	8
7Z4	D	▲	4	6	30	8
8A8	D	▲	1	2	40	5
8A8	D	▲	1	9	40	5
8AU8	D	▲	1	2	30	5
8AU8	D	▲	1	7	30	5
8AW8	D	▲	1	2	30	5
8BA8	D	▲	1	2	40	5
8BA8	D	▲	1	7	40	5
8BH8	D	▲	1	2	30	5
8BH8	D	▲	1	7	30	5
*8BN8	D	▲	1	1	100	5
*8BN8	D	▲	1	6	100	5
8BN8	D	▲	1	8	35	5
8BQ5	D	▲	1	3	30	1, 2, 5, 6, 8
8BQ7	D	▲	1	2	35	5
8BQ7	D	▲	1	7	35	5
8CG7	D	▲	1	2	30	5
8CG7	D	▲	1	7	30	5
8CM7	D	▲	1	7	30	5
8CM7	D	▲	1	8	30	5
*8CN7	D	■	1	1	100	5
*8CN7	D	■	1	2	100	5
8CN7	D	■	1	7	35	5
8CS7	D	▲	1	3	30	5
8CS7	D	▲	1	7	30	5
8CX8	D	▲	1	2	30	5
8CX8	D	▲	1	7	30	5
8CY7	D	▲	1	3	30	5
8CY7	D	▲	1	7	30	5
8EB8	D	▲	1	2	35	5
8EB8	D	▲	1	7	35	5

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
8EM5	D	▲	1	7	30	3, 5, 6, 8
8EM8	D	▲	1	3	30	5, 6, 8
*8ET7	D	▲	1	2	100	5
*8ET7	D	▲	1	3	100	5
8ET7	D	▲	1	7	30	5
8GN8	D	▲	1	2	30	5
8GN8	D	▲	1	7	30	5
8SN7	D	▲	6	1	30	8
8SN7	D	▲	6	4	30	8
*9AK8	D	▲	1	1	100	5
*9AK8	D	▲	1	2	100	5
*9AK8	D	▲	1	6	100	5
9AK8	D	▲	1	8	35	5
9AQ8	D	▲	1	2	35	5
9AQ8	D	▲	1	7	35	5
9AU7	D	■	1	2	30	5
9AU7	D	■	1	7	30	5
9BM5	D	■	3	1	35	4
9BR7	E	■	1	2	30	5
*9BR7	E	■	1	6	100	5
*9BR7	E	■	1	7	100	5
9BW6	D	▲	1	3	35	1, 2, 5
9CL8	D	▲	1	1	35	5
9CL8	D	▲	1	9	35	5
9EF6	E	▲	2	5	30	7
9U8	E	▲	1	2	30	5
9U8	E	▲	1	9	30	5
10C8	E	▲	1	2	30	5
10C8	E	▲	1	8	30	5
10DA7	E	▲	1	3	30	5
10DA7	E	▲	1	7	30	5
10DE7	E	▲	1	8	30	2, 3, 5
10DE7	E	▲	1	9	30	2, 3, 5
10DR7	E	▲	1	8	30	2, 3, 5
10DR7	E	▲	1	9	30	2, 3, 5
10EG7	E	▲	6	1	30	8
10EG7	E	▲	6	4	30	8
10EW7	E	▲	1	7	30	5
10EW7	E	▲	1	9	30	5
11C5	E	▲	3	1	30	2, 4, 5
11CY7	E	▲	1	3	35	5
11CY7	E	▲	1	7	35	5
12A6	E	▲	2	5	30	7

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
12A8	E	▲	2	5	35	7
12AB5	E	▲	1	7	30	1, 3, 5, 6, 8
12AC6	E	▲	3	1	40	4
12AD6	E	▲	3	1	60	4
12AD7	E	■	1	2	30	5
12AD7	E	■	1	7	30	5
*12AE6	E	▲	3	5	100	4
*12AE6	E	▲	3	6	100	4
12AE6	E	▲	3	1	60	4
12AE7	E	■	1	2	35	5
12AE7	E	■	1	7	35	5
12AF3	E	▲	7	9	30	5
12AF6	E	▲	3	1	60	4
12AG6	E	▲	3	1	60	4
12AH7	E	▲	6	1	35	8
12AH7	E	▲	6	5	35	8
12AH8	E	■	1	2	35	5
12AH8	E	■	1	7	35	5
12AJ6	E	▲	3	1	30	4
*12AJ6	E	▲	3	5	100	4
*12AJ6	E	▲	3	6	100	4
12AJ7	E	▲	1	2	35	5
12AJ7	E	▲	1	9	35	5
12AL5	E	▲	3	2	25	4
12AL5	E	▲	3	9	25	4
12AL8	E	▲	1	3	35	5
12AL8	E	▲	1	8	35	5
12AQ5	E	■	3	1	30	4
12AT6	E	▲	3	1	35	4
*12AT6	E	▲	3	5	100	4
*12AT6	E	▲	3	6	100	4
12AT7	E	■	1	2	35	5
12AT7	E	■	1	7	35	5
12AU6	E	▲	3	1	35	4
12AU7	E	■	1	2	35	5
12AU7	E	■	1	7	35	5
12AU8	E	▲	1	2	30	5
12AU8	E	▲	1	7	30	5
12AV5	E	▲	2	1	30	7
12AV6	E	▲	3	1	35	4
*12AV6	E	▲	3	5	100	4
*12AV6	E	▲	3	6	100	4
12AV7	E	■	1	2	35	5

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
12AV7	E	■	1	7	35	5
12AW6	E	▲	3	1	35	4
12AW7	E	▲	3	1	35	4
12AX4	E	▲	6	5	35	8
12AX7	E	■	1	2	35	5
12AX7	E	■	1	7	35	5
12AY7	E	■	1	2	35	5
12AY7	E	■	1	7	35	5
12AZ7	E	■	1	2	35	5
12AZ7	E	■	1	7	35	5
12B4	D	▲	1	1	35	2, 3, 5, 7
12B6	E	▲	2	T.C.	35	7
12B7	E	▲	6	6	35	8
12B8	E	▲	2	8	35	7
12B8	E	▲	2	T.C.	35	7
12BA6	E	▲	3	1	35	4
12BA7	E	▲	1	2	35	5, 8
12BD6	E	▲	3	1	35	4
12BE6	E	▲	3	1	35	4
12BF6	E	▲	3	1	60	4
*12BF6	E	▲	3	5	100	4
*12BF6	E	▲	3	6	100	4
12BH7	E	■	1	2	30	5
12BH7	E	■	1	7	30	5
12BK5	E	▲	1	6	30	3, 5, 7
12BK6	E	▲	3	1	35	4
*12BK6	E	▲	3	5	100	4
*12BK6	E	▲	3	6	100	4
12BL6	E	▲	3	1	60	4
12BN6	E	▲	3	5 (S)	100	4
12BQ6	E	▲	2	5	30	7
12BR7	E	■	1	2	30	5
*12BR7	E	■	1	6	100	5
*12BR7	E	■	1	7	100	5
12BT6	E	▲	3	1	35	4
*12BT6	E	▲	3	5	100	4
*12BT6	E	▲	3	6	100	4
12BU6	E	▲	3	1	35	4
*12BU6	E	▲	3	5	100	4
*12BU6	E	▲	3	6	100	4
12BV7	D	■	1	2	30	2, 3, 5, 6
12BW4	E	▲	1	1	30	5
12BW4	E	▲	1	7	30	5

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
12BX6	E	▲	1	2	30	1, 3, 4
12BY7	E	■	1	2	30	5, 6
12BZ6	E	▲	3	1	30	4
12BZ7	E	■	1	2	30	5
12BZ7	E	■	1	7	30	5
12C5	E	■	3	1	35	2, 4, 5
*12C8	E	▲	2	4	100	7
*12C8	E	▲	2	5	100	7
12C8	E	▲	2	T.C.	35	7
12CA5	E	▲	3	1	30	2, 4, 5
12CB6	E	▲	3	1	35	4
12CD6	E	▲	2	5	30	7
12CM6	E	▲	1	7	30	3, 5, 6
12CN5	E	▲	1	1	40	2, 4, 5
*12CR6	E	▲	3	2	100	4
12CR6	E	▲	3	7	35	4
12CS5	E	▲	1	9 (S)	40	2, 3, 5, 6
12CS6	E	▲	3	1	60	4
12CS7	E	▲	1	3	40	5
12CS7	E	▲	1	7	40	5
12CT8	E	▲	1	2	30	5
12CT8	E	▲	1	8	30	5
12CU5	E	▲	3	1	30	2, 4, 5
12CU6	E	▲	2	5	25	7
12CX6	E	▲	3	1	35	4
12D4	E	▲	6	5	40	8
12DB5	E	▲	1	1 (S)	30	2, 3, 5, 6, 7, 8
12DE8	E	▲	1	1	35	5
*12DE8	E	▲	1	3	100	5
12DF5	E	■	1	1	35	5
12DF5	E	■	1	6	35	5
12DF7	E	■	1	2	35	5
12DF7	E	■	1	7	35	5
12DK7	E	▲	1	1	35	5, 8
*12DK7	E	▲	1	6	100	5, 8
*12DK7	E	▲	1	9	100	5, 8
12DL8	E	▲	1	3	35	5
*12DL8	E	▲	1	1	100	5
*12DL8	E	▲	1	9	100	5
12DM5	E	▲	3	1	35	2, 4, 5
12DQ6	E	▲	2	5	30	7
12DS7	E	▲	1	3	35	5
*12DS7	E	▲	1	1	100	5

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
*12DS7	E	▲	1	9	100	5
12DT5	E	▲	1	7	30	3, 5, 6, 8
12DT8	E	▲	1	2	35	5
12DT8	E	▲	1	7	35	5
12DV8	E	▲	1	2	35	5
*12DV8	E	▲	1	1	100	5
*12DV8	E	▲	1	9	100	5
12DW5	E	▲	1	7	35	3, 5, 6
12DW7	E	■	1	2	30	5
12DW7	E	■	1	7	30	5
12DW8	E	▲	1	2	35	5
12DW8	E	▲	1	7	35	5
*12DW8	E	▲	1	6	100	5
12DY8	E	▲	1	1	35	5
12DY8	E	▲	1	9	35	5
12DZ6	E	▲	3	1	30	4
12E5	E	▲	2	5	30	7
12EA6	E	▲	3	1	35	4
12EC8	E	▲	1	1	35	5
12EC8	E	▲	1	9	35	5
12ED5	E	▲	3	1	35	2, 4, 5
12EF6	E	▲	2	5	35	7
12EG6	E	▲	3	1	35	4
12EH5	E	▲	3	1	35	2, 4, 5
12EK6	E	▲	3	1	35	4
12EL6	E	▲	3	1	60	4
*12EL6	E	▲	3	5	100	4
*12EL6	E	▲	3	6	100	4
12EM5	E	▲	1	3	30	5, 6, 8
12EM6	E	▲	3	1	35	4
*12EM6	E	▲	3	9	100	4
12EN6	E	▲	2	5	30	7
12EZ6	E	▲	3	1	30	4
12F5	E	▲	2	T.C.	35	7
*12F8	E	▲	1	1	100	5
*12F8	E	▲	1	6	100	5
12F8	E	▲	1	8	50	5
12FA6	E	▲	3	1	35	4
12FK6	E	▲	3	1	35	4
12FK6	E	▲	3	5	60	4
12FK6	E	▲	3	6	60	4
12FM6	E	▲	3	1	35	4
12FM6	E	▲	3	5	100	4

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
12FM6	E	▲	3	6	100	4
12FQ8	E	▲	1	2	30	5
12FQ8	E	▲	1	7	30	5
12FR8	E	▲	1	1	35	5
12FR8	E	▲	1	3	35	5
*12FR8	E	▲	1	8	100	5
12FX8	E	▲	1	1	35	5
12FX8	E	▲	1	6	40	5
12FY8	E	▲	1	1	30	5
12FY8	E	▲	1	3	60	5
12G4	E	▲	3	6	35	1, 4, 5
*12G7	E	▲	2	4	100	7
*12G7	E	▲	2	5	100	7
12G7	E	▲	2	T.C.	30	7
12G8	E	■	1	8	60	5
12G8	E	■	1	3	60	5
12GA6	E	▲	3	1	35	4
12GC6	E	▲	2	5	30	7, 8
12GN6	E	▲	3	1	35	4
*12GN6	E	▲	3	7	100	4
12H4	E	▲	3	6	30	1, 2, 4, 5
12H6	E	▲	2	3	35	7
12H6	E	▲	2	5	35	7
12J5	E	▲	2	5	35	7
12J7	E	▲	2	T.C.	35	7
12J8	E	▲	1	1	40	5
*12J8	E	▲	1	8	100	5
*12J8	E	▲	1	9	100	5
12K5	E	▲	3	1	30	4, 5, 6
12K7	E	▲	2	T.C.	35	7
12K8	E	▲	2	5	35	7
12L6	E	▲	2	5	30	7
12L8	E	▲	2	1	30	6, 7
12L8	E	▲	2	3	30	6, 7
*12Q7	E	▲	2	4	100	7
*12Q7	E	▲	2	5	100	7
12Q7	E	▲	2	T.C.	35	7
12R5	E	▲	3	1	30	2, 4, 5
*12S8	E	▲	6	3	100	8
*12S8	E	▲	6	4	100	8
12S8	E	▲	6	T.C.	35	8
12SA7	E	▲	2	5	35	7
12SB7	E	▲	2	5	35	7

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
*12SB8	E	▲	6	1	100	8
*12SB8	E	▲	6	3	100	8
*12SB8	E	▲	6	4	100	8
12SC7	E	▲	6	3	35	8
12SC7	E	▲	6	4	35	8
12SF5	E	▲	6	3	35	8
12SF7	E	▲	6	2	35	8
*12SF7	E	▲	6	5	100	8
12SG7	E	▲	2	4	35	3, 5, 7
12SH7	E	▲	2	4	35	3, 5, 7
12SJ7	E	▲	2	4	35	7
12SK7	E	▲	2	4	35	7
12SL7	E	▲	6	1	30	8
12SL7	E	▲	6	4	30	8
12SN7	E	▲	6	1	30	8
12SN7	E	▲	6	4	30	8
12SQ7	E	▲	6	2	35	8
*12SQ7	E	▲	6	4	100	8
*12SQ7	E	▲	6	5	100	8
12SR7	E	▲	6	2	35	8
*12SR7	E	▲	6	4	100	8
*12SR7	E	▲	6	5	100	8
12SW7	E	▲	6	2	35	8
*12SW7	E	▲	6	4	100	8
*12SW7	E	▲	6	5	100	8
12SX7	E	▲	6	1	30	8
12SX7	E	▲	6	4	30	8
12SY7	E	▲	2	5	30	7
12U7	E	■	1	2	40	5
12U7	E	■	1	7	40	5
12V6	E	▲	2	5	30	7
12W6	E	▲	2	5	30	7
12X4	E	▲	3	1	30	4
12X4	E	▲	3	6	30	4
13DE7	E	▲	1	7	30	2, 3, 5
13DE7	E	▲	1	9	30	2, 3, 5
13EM7	E	▲	6	1	30	8
13EM7	E	▲	6	4	30	8
14A4	E	■	4	6	35	8
14A5	E	■	4	6	30	8
14A7	E	■	4	6	30	8
14AF7	E	▲	4	4	35	8
14AF7	E	▲	4	9	35	8

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
14B6	E	▲	4	3	35	4, 7, 8
*14B6	E	▲	4	9	100	4, 7, 8
*14B6	E	▲	4	6	100	4, 7, 8
14B8	E	▲	4	4	30	8
14C5	E	■	4	6	30	8
14C7	E	■	4	6	30	8
14DA7	E	▲	1	3	35	5
14DA7	E	▲	1	7	35	5
14E6	E	▲	4	3	35	4, 8
*14E6	E	▲	4	9	100	4, 8
*14E6	E	▲	4	6	100	4, 8
*14E7	E	▲	4	3	100	8
*14E7	E	▲	4	4	100	8
14E7	E	▲	4	6	35	8
14F7	E	▲	4	4	35	8
14F7	E	▲	4	9	35	8
14GT8	E	▲	1	2	100	5
*14GT8	E	▲	1	6	100	5
*14GT8	E	▲	1	8	35	5
14H7	E	▲	4	6	35	8
14J7	E	▲	4	4	35	8
14J7	E	▲	4	6	60	8
14N7	E	▲	4	4	30	8
14N7	E	▲	4	9	30	8
14Q7	E	▲	4	4	35	8
*14R7	E	▲	4	3	100	8
14R7	E	▲	4	6	35	8
*14R7	E	▲	4	4	100	8
14S7	E	▲	4	4	35	8
14S7	E	▲	4	6	60	8
14W7	E	▲	4	6	35	4, 7, 8
14X7	E	▲	4	3	35	8
*14X7	E	▲	4	9	100	8
*14X7	E	▲	4	6	100	8
14Y4	E	▲	4	3	30	8
14Y4	E	▲	4	6	30	8
15A6	E	▲	1	2	30	5
15A8	E	▲	2	3	30	7
15A8	E	▲	2	4	30	7
15EA7	E	▲	6	1	30	8
15EA7	E	▲	6	4	30	8
16A5	E	▲	1	2	30	5, 6
16A8	E	▲	1	1	30	5

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
16A8	E	▲	1	3	30	5
17AV5	E	▲	2	1	30	7
17AX4	E	▲	6	5	40	8
17BQ6	E	▲	2	5	30	7
17C5	E	▲	3	1	60	2, 4, 5
17CA5	E	▲	3	1	35	2, 4, 5
17D4	E	▲	6	5	50	6, 8
17DE4	E	▲	6	5	35	2, 8
17DQ6	E	▲	2	5	40	7
17H3	E	▲	1	1	40	3, 5, 8
17L6	E	▲	2	5	40	7
17R5	E	▲	3	1	40	2, 4, 5
17Z3	E	▲	1	9	50	5
18A5	E	▲	2	1	50	7
18FW6	E	▲	3	1	35	4
18FX6	E	▲	3	1	35	4
18FY6	E	▲	3	1	35	4
*18FY6	E	▲	3	5	60	4
*18FY6	E	▲	3	6	60	4
18GD6	E	▲	3	1	35	4
18GE6	E	▲	3	1	45	4
*18GE6	E	▲	3	5	100	4
*18GE6	E	▲	3	6	100	4
18HB8	E	▲	1	1	35	5
18HB8	E	▲	1	9	35	5
19AQ5	F	■	3	1	30	4
19AU4	F	▲	6	5	30	8
19BG6	F	▲	2	5	30	7
*19C8	F	▲	1	1	100	5
*19C8	F	▲	1	2	100	5
*19C8	F	▲	1	6	100	5
19C8	F	▲	1	8	30	5
19CL8	F	▲	1	1	35	5
19CL8	F	▲	1	9	35	5
19DE7	F	▲	1	8	30	2, 3, 5
19DE7	F	▲	1	9	30	2, 3, 5
19EA8	F	▲	1	2	35	5
19EA8	F	▲	1	9	35	5
19J6	F	▲	3	5	35	4
19J6	F	▲	3	6	35	4
*19T8	F	▲	1	1	100	5
*19T8	F	▲	1	2	100	5
*19T8	F	▲	1	6	100	5

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
19T8	F	▲	1	8	35	5
*19V8	F	▲	1	2	100	5
19V8	F	▲	1	6	35	5
*19V8	F	▲	1	7	100	5
*19V8	F	▲	1	9	100	5
19X3	F	▲	1	9	100	1, 2, 6, 7, 8
19X8	F	▲	1	2	35	5
19X8	F	▲	1	7	35	5
19Y3	F	▲	1	9	35	1, 2, 6, 7, 8
21A7	F	▲	4	4	60	8
21A7	F	▲	4	6	30	8
21EX6	F	▲	2	5	30	7
22DE4	F	▲	6	5	30	2, 8
25A6	F	▲	2	5	30	7
25A7	F	▲	2	5	30	7
25A7	F	▲	2	6	30	7
25AC5	F	▲	2	5	30	7
25AV5	F	▲	2	1	30	7
25AX4	F	▲	6	5	30	8
25B6	F	▲	2	5	30	7
25B8	F	▲	2	8	30	7
25B8	F	▲	2	T.C.	30	7
25BK5	F	▲	1	6	30	3, 5, 7
25BQ6	F	▲	2	5	30	7
25C5	F	▲	3	1	30	2, 4, 5
25C6	F	▲	2	5	30	7
25CA5	F	▲	3	1	30	2, 4, 5
25CD6	F	▲	2	5	30	7
25CG6	F	▲	2	1	30	7
25CU6	F	▲	2	5	30	7
25D6	F	▲	2	5	30	7
25D8	F	▲	2	5	35	7
*25D8	F	▲	2	8	100	7
25D8	F	▲	2	T.C.	35	7
25DN6	F	▲	2	5	30	7
25DQ6	F	▲	2	5	30	7
25E5	F	▲	2	5	30	7
25EC6	F	▲	2	5	25	7
25EH5	F	▲	3	1	35	2, 4, 5
25F5	F	▲	3	2	30	4
25FY8	F	▲	1	1	30	5
25FY8	F	▲	1	3	30	5
25L6	F	▲	2	5	30	7

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
25N6	F	▲	2	5	30	7
25W4	F	▲	6	5	30	8
25W6	F	▲	2	5	30	7
25X6	F	▲	2	3	30	7
25X6	F	▲	2	8	30	7
25Y4	F	▲	2	5	30	7
25Z4	F	▲	2	5	30	7
25Z6	F	▲	2	3	30	7
25Z6	F	▲	2	5	30	7
26A6	F	▲	3	1	35	4
26A7	F	▲	2	1	30	7
26A7	F	▲	2	3	30	7
26BK6	F	▲	3	1	35	4
*26BK6	F	▲	3	5	100	4
*26BK6	F	▲	3	6	100	4
26C6	F	▲	3	1	35	4
*26C6	F	▲	3	5	100	4
*26C6	F	▲	3	6	100	4
26CG6	F	▲	3	1	35	4
26D6	F	▲	3	1	35	4
26Z5W	F	■	1	1	30	5
26Z5W	F	■	1	6	30	5
28D7	F	▲	4	2	30	8
28D7	F	▲	4	7	30	8
28GB5	F	■	1	T.C. (S)	100	DISREGARD SHORT TEST
28Z5	F	▲	4	3	35	4, 8
28Z5	F	▲	4	6	35	4, 8
32ET5	F	▲	3	5	35	2, 4
32L7	F	▲	2	5	35	7
32L7	F	▲	2	6	35	7
34DG5	F	▲	3	1	25	2, 4, 5
35A5	F	▲	4	6	35	8
35A6	F	▲	4	6	35	8
35B5	F	■	3	1	35	4
35C5	F	▲	3	1	35	2, 4, 5
35CD6	F	▲	2	5	40	7
35EH5	F	▲	3	1	30	2, 4, 5
35GL6	F	▲	3	2	30	4, 6
35HB8	F	▲	1	1	35	5
35HB8	F	▲	1	9	35	5
35L6	F	▲	2	5	30	7
35W4	F	▲	3	5	35	4, 6
35Y4	F	▲	4	2	35	4, 8

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
35Z3	F	▲	4	2	35	8
35Z4	F	▲	2	5	30	7
35Z5	E	▲	2	5	30	3, 7
35Z6	F	▲	2	3	30	7
35Z6	F	▲	2	5	30	7
36AM3	F	▲	3	5	30	4, 6
40Z5	E	▲	2	5	40	3, 7
45Z3	G	▲	7	4	30	2, 6, 7
45Z5	E	▲	2	5	40	3, 7
50A5	G	▲	4	6	30	8
50AX6	G	▲	2	3	30	7
50AX6	G	▲	2	5	30	7
50B5	G	■	3	1	30	4
50BK5	G	▲	1	6	30	3, 5, 7
50C5	G	▲	3	1	30	2, 4, 5
50C6	G	▲	2	5	30	7
50DC4	G	▲	3	5	30	4, 6
50EH5	G	▲	3	1	35	2, 4, 5
50FY8	G	▲	1	1	30	5
50FY8	G	▲	1	3	30	5
50L6	G	▲	2	5	35	7
50X6	G	▲	4	3	30	8
50X6	G	▲	4	6	30	8
50Y6	G	▲	2	3	30	7
50Y6	G	▲	2	5	30	7
50Y7	G	▲	2	3	30	6, 7
50Y7	G	▲	2	5	30	6, 7
50Z6	G	▲	2	3	30	7
50Z6	G	▲	2	5	30	7
50Z7	G	▲	2	3	30	6, 7
50Z7	G	▲	2	5	30	6, 7
60FX5	G	▲	3	1	30	4
70L6	G	▲	2	5	30	7
70L7	G	▲	2	5	30	7
70L7	G	▲	2	8	30	7
117L7	J	▲	2	4	30	7
117L7	J	▲	2	6	30	7
117M7	J	▲	2	4	30	7
117M7	J	▲	2	6	30	7
117N7	J	▲	2	4	30	7
117N7	J	▲	2	8	30	7
117P7	J	▲	2	4	30	7
117P7	J	▲	2	8	30	7

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
117Z3	J	▲	3	5	30	4
117Z4	J	▲	2	5	30	7
117Z6	J	▲	2	3	30	7
117Z6	J	▲	2	5	30	7
884	D	▲	2	5	30	7
1851	D	▲	2	T.C.	30	7
1852	D	▲	2	4	30	7
1853	D	▲	2	4	30	7
2050	D	▲	2	5	40	7
5618	D	▲	2	6	50	5, 7
5654	D	▲	3	1	30	2, 4, 7
5656	D	▲	1	2	30	5
5656	D	▲	1	3	30	5
5686	D	■	1	2	30	1, 3, 5, 6
5687	D	▲	1	2	30	5, 8
5687	D	▲	1	7	30	5, 8
5691	D	▲	6	1	30	8
5691	D	▲	6	4	30	8
5692	D	▲	6	1	30	8
5692	D	▲	6	4	30	8
5693	D	▲	2	4	30	7
5696	D	■	3	1	30	4
5725	D	▲	3	1	30	4
5726	D	▲	3	2	30	4
5726	D	▲	3	7	30	4
5727	D	■	3	1	30	4
5749	D	▲	3	1	30	4
5750	D	▲	3	1	30	4
5751	D	■	1	2	30	5
5751	D	■	1	7	30	5
5751	D	■	1	8	30	5
5763	D	■	1	2	30	5
5814	E	■	1	7	30	5
5814	E	■	1	7	30	5
5839	F	▲	2	3	30	7
5839	F	▲	2	5	30	7
5845	C	■	3	1	100	4
5845	C	■	3	5	100	4
5852	D	▲	2	3	30	7
5852	D	▲	2	5	30	7
5879	D	▲	1	1	30	5
5881	D	▲	2	5	30	7
5915	D	▲	3	1	30	4
5931	C	▲	2	4	40	9

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
5931	C	▲	2	6	40	9
5932	D	▲	2	5	30	7
5963	E	■	1	2	30	5
5963	E	■	1	7	30	5
5964	D	▲	3	5	30	4
5964	D	▲	3	6	30	4
5998	D	▲	6	1	30	8
5998	D	▲	6	4	30	8
6005	D	■	3	1	30	4
6072	E	■	1	2	30	5
6072	E	■	1	7	30	5
6080	D	▲	6	1	30	8
6080	D	▲	6	4	30	8
6082	F	▲	6	1	30	8
6082	F	▲	6	4	30	8
6087	C	▲	2	4	35	9
6087	C	▲	2	6	35	9
6134	D	▲	2	4	30	7
6135	D	▲	3	6	30	1, 2, 4
6136	D	▲	3	1	30	4
6137	D	▲	2	4	30	7
6146	D	▲	2	5	30	1, 4, 6, 7
6201	E	■	1	2	30	5
6201	E	■	1	7	30	5
6202	D	▲	3	1	30	4
6202	D	▲	3	6	30	4
6203	D	▲	1	1	30	5
6203	D	▲	1	9	30	5
6211	E	■	1	2	30	5
6211	E	■	1	7	30	5
6267	D	▲	1	9	30	2, 5, 7
6550	D	▲	2	5	25	7
7025	E	■	1	2	35	5
7025	E	■	1	7	35	5
7027	D	▲	2	5	30	1, 6, 7
7189	D	▲	1	3	30	1, 2, 5
7199	D	▲	1	7	30	5
7199	D	▲	1	9	30	5
7236	D	▲	6	1	30	8
7236	D	▲	6	4	30	8
7370	G	▲	1	2	30	5, 8
7370	G	▲	1	7	30	5, 8
7581	D	▲	2	5	25	7

* USE "DIODE OK" SCALE

TUBE	FIL-VOLTS	TYPE	SOCKET	ELEMENT	LOAD	DISREGARD INDICATOR LIGHTING
7591	D	▲	2	6	30	7
9006	D	■	3	2	80	1,4,5