



VOLTAGE READINGS

Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
1	7AB	150V AC	90V DC	50V DC	-7.0V DC	40V AC	-0V DC	0V	100V AC
2	14A7	32V AC	9V DC	40V DC	0V	0V	-0V DC	0V	10V AC
3	14B6	13V AC	50V DC	-0V DC	0V	-0V AC	-0V DC	0V	0V
4	50A5	95V AC	95V DC	95V DC	0V	0V	0V	50V DC	250V AC
5	35Z5	117V AC	110V AC	110V AC	110V AC	110V AC	0V	0V	110V AC

RESISTANCE READINGS

Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
1	7AB	100Ω	50KΩ	100Ω	100Ω	100Ω	100Ω	0Ω	20Ω
2	14A7	20Ω	50KΩ	100Ω	100Ω	100Ω	100Ω	0Ω	20Ω
3	14B6	100Ω	50KΩ	100Ω	100Ω	100Ω	100Ω	0Ω	20Ω
4	50A5	100Ω	50KΩ	100Ω	100Ω	100Ω	100Ω	0Ω	20Ω
5	35Z5	100Ω	50KΩ	100Ω	100Ω	100Ω	100Ω	0Ω	20Ω

RESISTANCE READINGS IN THE B1 CIRCUITS MAY VARY WIDELY ACCORDING TO THE CONDITION OF THE FILTER CAPACITORS

A PHOTOFAC STANDARD NOTATION SCHEMATIC ©Howard W. Sams & Co., Inc. 1949

The stage gain measured values listed above are approximate values for an average operative stage, rather than an absolute value. It should be borne in mind that it is possible to introduce so many variables into the measurement operation, such as, type of equipment used for measuring, handling and placement of probes, the accuracy of alignment, etc., that an absolute reading is impractical. A.V.C. is made inoperative and 3-volt battery bias substituted for measurement.

1. DC Voltage measurements are at 20,000 ohms per volt; AC Voltages measured at 1,000 ohms per volt.
 2. Socket connections are shown as bottom views.
 3. Measured values are from socket pin to common negative.
 4. Line voltage maintained at 117 volts for voltage readings.
 5. Nominal tolerance on component values makes possible a variation of ± 10% in voltage and resistance readings.
 6. Volume control at maximum, no signal applied for voltage measurements.