



ITEM	TUBE	PIN 1	PIN 2	PIN 3	PIN 4	PIN 5	PIN 6	PIN 7	PIN 8	PIN 9	PIN 10	PIN 11	PIN 12
V1	6CW4	—	8B _V	—	0V	—	—	—	0.4 V	—	6.1VAC	—	0 V
V2	ECC85	240V	0V	2.2V	0V	6.3AC	55V	17V	0V	0V	—	—	—
V3	ECF80	95V	0.7V	95V	0V	6.3AC	230V	0V	0V	2.5V	—	—	—
V4	6AU6	0V	0V	6.3AC	0V	230V	145V	1.2 V	—	—	—	—	—
V5	6AU6	0V	0V	6.3AC	0V	170V	54V	0.3 V	—	—	—	—	—
V6	6BN6	1.9V	0V	6.1VAC	0V	90V	2.7V	240V	—	—	—	—	—
V7	6BN6	1.9V	0V	6.1VAC	0V	90V	2.7V	240V	—	—	—	—	—
V8	12AX7	20V	0.6V	0V	3.1VAC	3.1VAC	240V	11V	20V	3.1VAC	—	—	—
V9	12AX7	120V	0V	0.8V	3.1VAC	3.1VAC	110 V	5.6 V	8.5V	3.1VAC	—	—	—
V10	6CA4	280AC	—	325V	0V	6.3VAC	—	280AC	—	—	—	—	—

READINGS MAY VARY $\pm 20\%$
ALL VOLTAGES ARE DC UNLESS OTHERWISE NOTED.
* VOLTAGE READINGS MARKED WITH ASTERISK SHOULD BE TAKEN WITH 1MEG RESISTOR
IN SERIES WITH METER PROBE.

RESISTANCE READINGS

CAUTION - DISCONNECT AC LINE AND COMPLETELY DISCHARGE FILTER CAPACITORS BEFORE TAKING READINGS. CONTROLS ARE SET IN SAME POSITIONS AS STATED IN VOLTAGE READINGS.

ITEM	TUBE	PIN 1	PIN 2	PIN 3	PIN 4	PIN 5	PIN 6	PIN 7	PIN 8	PIN 9	PIN 10	PIN 11	PIN 12
V1	6CW4	---	*14K	---	47K	---	---	---	39Ω	---	---	---	---
V2	6CC85	*1K	0	220Ω	---	---	*150K	1M	---	---	---	---	---
V3	6CF80	*14K	470K	*14K	---	---	*2K	0	0.1Ω	22K	---	---	---
V4	6AU6	0.5Ω	0	---	---	*2K	*29K	100Ω	---	---	---	---	---
V5	6AU6	0.5Ω	0	---	---	*23K	*173K	100Ω	---	---	---	---	---
V6	6BN6	220Ω	0.5Ω	---	---	*23K	103K	*2K	---	---	---	---	---
V7	6BN6	220Ω	1.5Ω	---	---	*23K	103K	*2K	---	---	---	---	---
V8	12AX7	*450K	22K	0	---	---	*1K	1M	10.7K	---	---	---	---
V9	12AX7	*300K	1M	1.2K	---	---	*100K	1M	10.7K	---	---	---	---
V10	6CA4	300Ω	---	*K	---	---	---	300Ω	---	---	---	---	---

READINGS MAY VARY $\pm 20\%$.
ALL RESISTANCE READINGS TAKEN TO GROUND EXCEPT THOSE
MARKED WITH ASTERISK (*).
* RESISTANCE READINGS MARKED WITH ASTERISK ARE
MEASURED TO PIN 3 OF 6CA4.

**** SHOULD BE GREATER THAN 50K OHMS**

S40I
S3655I30A

NOTES:
UNLESS OTHERWISE SPECIFIED—

- 1— ALL RESISTANCE VALUES IN OHMS $\pm 10\%$.
- 2— ALL RESISTORS 1/2 WATT.
- 3— ALL CAPACITORS WITH DECIMAL VALUES IN MFD.
- 4— ALL CAPACITORS WITHOUT DECIMAL VALUES IN MMF.