

HEATER

Filament Voltage	6.3	V
Filament Current	1.0	A

DESIGN CENTER MAXIMUM

A. C. Supply (plate to plate) Voltage (rms)	700	V
Peak Inverse Voltage	1.0	KV
Peak Plate Current	450	mA
D. C. Output Current	150	mA
Max. Capacity (condenser input filter)	50	μ f
Cathode to Filament Voltage*	500	V

*Heater negative

TYPICAL OPERATION

A. C. Supply (plate to plate) Voltage (rms)	500	600	700	V
D. C. Output Current	150	150	150	mA
Max. Capacity (condenser input filter)	50	50	50	μ f
Limiting Resistor (min.) \ddagger	150	200	240	Ω
D. C. Output Voltage	245	293	347	V

\ddagger Per plate

These two tubes are full-wave rectifiers. The EZ 81 has a noval base and a 6.3 volt, 1 amp heater. It can supply output currents of up to 150 milliamps, and is therefore suitable for the AMPEREX 5-tube 10-watt amplifier circuit when the circuit is arranged for normal or low loading (plate to plate load 8000 Ω or 6000 Ω), with or without a radio feeder unit.

The GZ 34 is mounted on an octal base and has a 5 volt, 1.9 amp heater. It can supply output currents of up to 250 milliamps.

HEATER

Filament Voltage	5.0	V
Filament Current	1.9	A

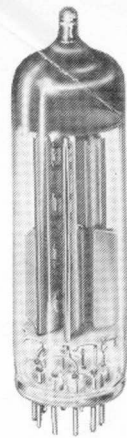
DESIGN CENTER MAXIMUM

A. C. Supply (plate to plate) Voltage (rms)	1100	V
Peak Inverse Voltage	1.5	KV
Peak Plate Current	750	mA
D. C. Output Current	250	mA
Max. Capacity (condenser input filter)	60	μ f

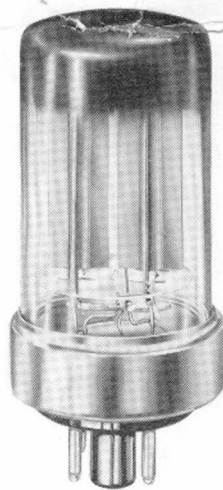
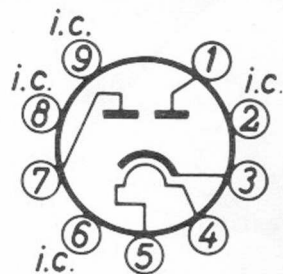
TYPICAL OPERATION

A. C. Supply (plate to plate) Voltage (rms)	600	900	1100	V
D. C. Output Current	250	250	160	mA
Max. Capacity (condenser input filter)	60	60	60	μ f
Limiting Resistor (min.) \ddagger	50	125	175	Ω
D. C. Output Voltage	300	450	610	V

\ddagger Per Plate



EZ81



GZ34

