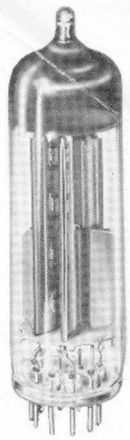


EZ81

HEATER

Filament Voltage	6.3	V
Filament Current	1.0	A

DESIGN CENTER MAXIMUM

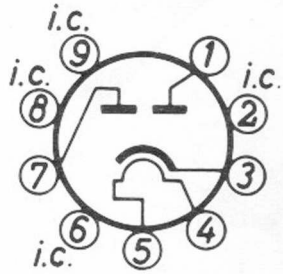
A. C. Supply (plate to plate) Voltage (rms)	700	V
Peak Inverse Voltage	1.0	KV
Peak Plate Current	450	mA
D. C. Output Current	150	mA
Max. Capacity (condenser input filter)	50	μf
Cathode to Filament Voltage*	500	V

*Heater negative

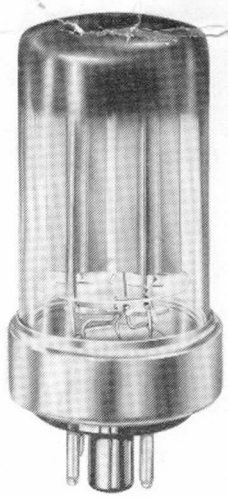
TYPICAL OPERATION

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	μf
Limiting Resistor (min.)‡	150	200	240	Ω
D. C. Output Voltage	245	293	347	V

‡ 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.



GZ34

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	μf

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	μf
Limiting Resistor (min.)‡	50	125	175	Ω
D. C. Output Voltage	300	450	610	V

‡ Per Plate