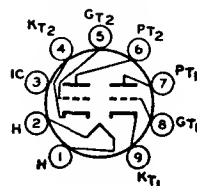


20EZ7**HIGH-MU TWIN TRIODE**

Miniature type used in high-gain, resistance-coupled, low-level audio amplifiers such as preamplifiers for stereo phonographs. Outlines section, 6B; requires miniature 9-contact socket. For typical operation as resistance-coupled amplifier, refer to Resistance-Coupled Amplifier section.

**9PG**

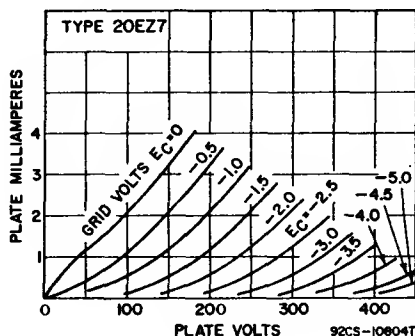
Heater Voltage (ac/dc)	20	volts
Heater Current	0.1	ampere
Heater Warm-up Time (Average)	20	seconds
Heater-Cathode Voltage:		
Peak value	+200 max	volts
Average value	100 max	volts
Direct Interelectrode Capacitances:	Unit No.1	Unit No.2
Grid to Plate	1.5	1.5
Grid to Cathode and Heater	1.6	1.6
Plate to Cathode and Heater	0.2	0.3

Class A₁ Amplifier (Each Unit)**MAXIMUM RATINGS (Design-Maximum Values)**

Plate Voltage	330	volts
Grid Voltage:		
Negative-bias value	55	volts
Positive-bias value	0	volts
Plate Dissipation	1.2	watts

CHARACTERISTICS

Plate Voltage	100	250	volts
Grid Voltage	-1	-2	volts
Amplification Factor	100	100	
Plate Resistance (Approx.)	80000	62500	ohms
Transconductance	1250	1600	μmhos
Plate Current	0.5	1.2	mA

**21EX6**

Refer to chart at end of section.

21GY5

Refer to type 6GY5.

21HB5

Refer to chart at end of section.