5HG8 Refer to chart at end of section.

5HG8/LCF86 Refer to type 6HG8/ECF86.

5HZ6 Refer to type 6HZ6.

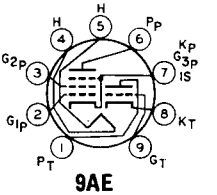
5J6 Refer to type 6J6A.

5JK6 Refer to chart at end of section.

5JL6 Refer to chart at end of section.

5JW8 Refer to type 6JW8/ECF802.

5KD8 MEDIUM-MU TRIODE—SHARP-CUTOFF PENTODE



9AE

Miniature type used as combined vhf oscillator and mixer tube in television receivers. **Outlines section,** 6B; requires miniature 9-contact socket.

Heater Voltage (ac/dc)	5.6	volts
Heater Current	0.45	ampere
Heater Warm-up Time	11	seconds
Heater-Cathode Voltage:		
Peak value	±200 max	volts
Average value	100 max	volts

Class A_1 Amplifier

MAXIMUM RATINGS (Design-Maximum Values)	**Triode Unit**	**Pentode Unit**	
Plate Voltage	330	330	volts
Grid-No.2 (Screen-Grid) Supply Voltage	—	330	volts
Grid-No.2 Voltage	—	See curve page 300	
Grid-No.1 (Control-Grid) Voltage, Positive-bias value	0	0	volts
Plate Dissipation	2.5	3	watts
Grid-No.2 Input:			
For grid-No.2 voltages up to 165 volts	—	0.55	watt
For grid-No.2 voltages between 165 and 330 volts	—	See curve page 300	
CHARACTERISTICS			
Plate Voltage	125	125	volts
Grid-No.2 Voltage	—	110	volts
Grid-No.1 Voltage	—1	—1	volt
Amplification Factor	40	—	
Plate Resistance (Approx.)	—	0.2	megohm
Transconductance	7500	5000	μmhos
Plate Current	13.5	9.5	mA
Grid-No.2 Current	—	3.5	mA
Grid-No.1 Voltage (Approx.) for plate current of 20 μA	—9	—8	volts

MAXIMUM CIRCUIT VALUES		
Grid-No.1-Circuit Resistance:		
For fixed-bias operation	0.5	megohm
For cathode-bias operation	1	megohm

5KE8 Refer to type 6KE8.

5KZ8 Refer to type 6KZ8.