

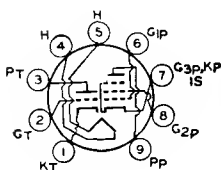
Refer to type 6AS8.

5AS8

Refer to type 6AT8A.

5AT8

Refer to chart at end of section.

5AU4**9DZ****MEDIUM-MU TRIODE—
SHARP-CUTOFF PENTODE****5AV8**

Miniature type used in television receiver applications, Outlines section, 6B; requires miniature 9-contact socket. Heater: volts (ac/dc), 4.7; amperes, 0.6; warm-up time (average), 11 seconds; maximum heater-cathode volts, ± 200 peak, 100 average.

Class A₁ Amplifier**MAXIMUM RATINGS (Design-Center Values)**

Plate Voltage	300
Grid-No.2 Supply Voltage	—
Grid-No.2 (Screen-Grid) Voltage	— See curve page 98
Grid-No.1 (Control-Grid) Voltage, Positive-bias value	0
Plate Dissipation	2.5
Grid-No.2 Input:	

For grid-No.2 voltages up to 150 volts

For grid-No.2 voltages between 150 and 300 volts

Triode Unit	Pentode Unit	
300	300	volts
—	300	volts
—	See curve page 98	
0	0	volts
2.5	2	watts
—	0.5	watt
—	See curve page 98	

CHARACTERISTICS

Plate Supply Voltage	200
Grid-No.2 Supply Voltage	—
Grid-No.1 Voltage	—6
Cathode-Bias Resistor	—
Amplification Factor	19
Plate Resistance (Approx.)	5750
Transconductance	3300
Plate Current	13
Grid-No.2 Current	—
Grid-No.1 Voltage (Approx.) for plate current of 10 μ A	—19

200	200	volts
—	150	volts
—6	—	volts
—	180	ohms
19	—	
5750	300000	ohms
3300	6200	μ mhos
13	9.5	mA
—	2.8	mA
—19	—8	volts

MAXIMUM CIRCUIT VALUES**Grid-No.1-Circuit Resistance:***

For fixed-bias operation

For cathode-bias operation

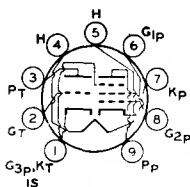
0.5	0.25	megohm
1	1	megohm

* If either unit is operating at maximum rated conditions, grid-No.1-circuit resistance for both units should not exceed the stated values.

Refer to chart at end of section.

5AW4

Refer to chart at end of section.

5AZ4**9EC****MEDIUM-MU TRIODE—
SHARP-CUTOFF PENTODE****5B8**

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

Heater Voltage (ac/dc)	4.7	volts
Heater Current	0.6	ampere
Heater Warm-up Time	11	seconds
Heater-Cathode Voltage:		
Peak value	± 200 max	volts
Average value	100 max	volts
Direct Interelectrode Capacitances:		
Triode Unit:		
Grid to Plate	1.7	pF
Grid to Cathode, Heater, Pentode Grid No.3, and Internal Shield	1.9	pF
Plate to Cathode, Heater, Pentode Grid No.3, and Internal Shield	1.4	pF