



7AF7

MEDIUM-MU TWIN TRIODE

7AF7
7AG7

Heater, for Unipotential Cathode:
 Voltage. 6.3[□] ac or dc volts
 Current. 0.3^{□□} amp

The 7AF7 is the same as the 14AF7 except for heater rating.

□ Nominal voltage = 7.0 volts. □□ Nominal current = 0.32 ampere.

7AG7

SHARP-CUTOFF PENTODE

GENERAL DATA

Electrical:
 Heater, for Unipotential Cathode:
 Voltage. 6.3[□] ac or dc volts
 Current. 0.15^{□□} amp

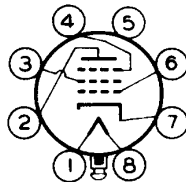
Direct Interelectrode Capacitances:[○]
 Grid No.1 to Plate 0.005 max. μf
 Input. 7 μf
 Output 6 μf

○ with external shield connected to cathode.

Mechanical:
 Mounting Position. Any
 Maximum Overall Length 2-25/32"
 Maximum Seated Length. 2-1/4"
 Maximum Diameter 1-3/16"
 Bulb T-9
 Base Lock-in 8-Pin

Basing Designation for BOTTOM VIEW 8V

Pin 1-Heater		Pin 6-Grid No.1
Pin 2-Plate		Pin 7-Cathode
Pin 3-Grid No.2		Pin 8-Heater
Pin 4-Grid No.3		
Pin 5- Internal Shield		Plug - Base Shell



AMPLIFIER - Class A₁

Maximum Ratings, Design-Center Values:

PLATE VOLTAGE.	300 max.	volts
GRID-No.2 (SCREEN) VOLTAGE	300 max.	volts
PLATE DISSIPATION.	2 max.	watts
GRID-No.2 DISSIPATION.	0.75 max.	watt
GRID-No.1 (CONTROL-GRID) VOLTAGE:		
Negative bias value.	1 min.	volt
PEAK HEATER-CATHODE VOLTAGE:		
Heater negative with respect to cathode.	90 max.	volts
Heater positive with respect to cathode.	90 max.	volts

□ Nominal voltage = 7.0 volts. □□ Nominal current = 0.16 ampere.

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TUBE DEPARTMENT
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

DATA