

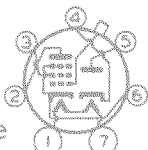


12A7

12A7
12A8-GT/G

RECTIFIER-PENTODE

Heater ■	Coated Unipotential Cathodes	
Voltage	12.6	a-c or d-c volts
Current	0.3	amp.
Maximum Overall Length		4-17/32"
Maximum Seated Height		3-29/32"
Maximum Diameter		1-9/16"
Bulb		ST-12
Cap		Small
Base		Small 7-Pin
Pin 1-Heater		Pin 5-Rectifier Plate
Pin 2-Pentode Plate		Pin 6-Pentode Cathode
Pin 3-Pentode Screen		Pin 7-Heater
Pin 4-Rectifier Cathode		Cap -Pentode Grid
Mounting Position		Any



BOTTOM VIEW (7K)

*Maximum Ratings Are Absolute Values*PENTODE UNIT

Plate Voltage	135 max.	volts
Screen Voltage	135 max.	volts
<i>Typical Operation and Characteristics-Class A₁ Amplifier:</i>		
Plate	135	volts
Screen	135	volts
Grid	-13.5	volts
Cathode Res.	1175	ohms
Plate Res.	102000	ohms
Transcond.	975	μmhos
Plate Cur.	9	ma.
Screen Cur.	2.5	ma.
Load Res.	13500	ohms
Power Output	0.55	watt

RECTIFIER UNIT*With Condenser-Input Filter:*

A-C Plate Voltage (RMS)	125 max.	volts
D-C Output Current	30 max.	ma.

12A8-GT/G
PENTAGRID CONVERTER

Heater ■	Coated Unipotential Cathode	
Voltage	12.6	a-c or d-c volts
Current	0.15	amp.

The 12A8-GT/G is the same as the 6A8-GT except for heater rating.

- In circuits where the cathode is not directly connected to the heater, the potential difference between heater and cathode should be kept as low as possible.

AUG. 2, 1943

RCA VICTOR DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

DATA