



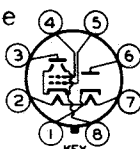
32L7-GT

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RECTIFIER-BEAM POWER AMPLIFIER

Heater	Coated Unipotential Cathodes	
Voltage	32.5	a-c or d-c volts
Current	0.3	amp.
Maximum Overall Length		3-5/16"
Maximum Seated Height		2-3/4"
Maximum Diameter		1-5/16"
Bulb		T-9
Base	Intermediate Shell Octal 8-Pin	

Pin 1 - Rectifier Cathode	Pin 5 - Amplifier Grid
Pin 2 - Heater	Pin 6 - Rectifier Plate
Pin 3 - Amplifier Plate	Pin 7 - Heater
Pin 4 - Amplifier Screen	Pin 8 - Amplifier Cathode



BOTTOM VIEW (8Z)

RECTIFIER UNIT (Half-Wave)*With Condenser-Input Filter:*

A-C Plate Voltage (RMS)	125 max. volts
D-C Output Current	60 max. ma.

AMPLIFIER UNIT*Typical Operation and Characteristics-Class A₁ Amplifier:*

Plate	90	90	volts
Screen	90	90	volts
Grid*	-5	-7	volts
Plate Current	38	27	ma.
Screen Current	3.0	2.0	ma.
Plate Resistance	15000	17000	ohms
Transconductance	6000	4800	μmhos
Load Resistance	2600	2600	ohms
Total Harmonic Distortion	5.3	9.0	%
Second Harmonic Distortion	2.2	6.5	%
Third Harmonic Distortion	4.6	5.5	%
Max.-Sig. Power Output	0.8	1.0	watt

* The type of input coupling used should not introduce more than 0.5 megohm of resistance in the grid circuit.