

BEAM POWER AMPLIFIER TYPE 35L6-GT

The 35L6-GT is a beam pentode type used in the output stage of ac-dc receivers. This type features high power sensitivity and plate efficiency at low plate and screen voltages.

ELECTRICAL

Cathode	Coated Unipotential
Heater:	
Voltage (ac or dc)	35.0 Volts
Current	0.15 Ampere
Direct Interelectrode Capacitances:	
Grid to Plate	0.6 μ f
Input	13 μ f
Output	9.5 μ f

MECHANICAL

Bulb	T-9
Base	Intermediate Shell Octal 7-Pin (JEDEC B7-7)
Basing	7AC
Mounting Position	Any

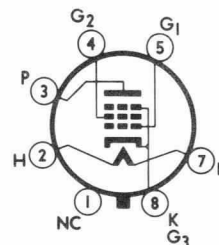
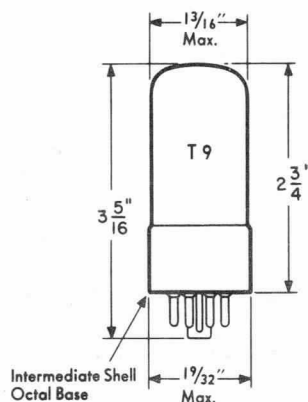
MAXIMUM RATINGS

Plate Voltage	200 max.	Volts
Plate Dissipation	8.5 max.	Watts
Screen Voltage	125 max.	Volts
Screen Dissipation	1.0 max.	Watts
Heater-Cathode Voltage:		
Heater Negative with Respect to Cathode:		
Total DC + Peak	90 max.	Volts
Heater Positive with Respect to Cathode:		
Total DC + Peak	90 max.	Volts
Grid Circuit Resistance:		
Cathode Bias	0.5 max.	Megohm
Fixed Bias	0.1 max.	Megohm

CHARACTERISTICS AND TYPICAL OPERATION

Class A₁ Amplifier

Plate Voltage	110	200	Volts
Screen Voltage	110	125	Volts
Control Grid Voltage	-7.5	-	Volts
Cathode Bias Resistor	-	180	Ohms
Peak A-F Control Grid Voltage	7.5	8	Volts
Zero Signal Plate Current	40	43	Ma.
Zero Signal Screen Current	3	2	Ma.
Max. Signal Plate Current	41	43	Ma.
Max. Signal Screen Current	7	5.5	Ma.
Transconductance	5800	6100	μ mhos
Plate Resistance, Approx.	14000	34000	Ohms
Load Resistance	2500	5000	Ohms
Power Output	1.5	3.0	Watts
Total Harmonic Distortion	10	10	Percent



PRINTED IN U.S.A.

Receiving Tube Section

The information contained herein is supplied without assuming responsibility for infringement of patents or other rights of third parties which may result from its use. No license is granted by implication or otherwise under any patent or patent rights of Westinghouse Electric Corporation.

WESTINGHOUSE ELECTRIC CORPORATION, ELECTRONIC TUBE DIVISION, ELMIRA, NEW YORK