



1LG5

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REMOTE-CUTOFF PENTODE

GENERAL DATA**Electrical:**

Filament, Coated:

Voltage	1.4	dc volts
Current	0.05	amp

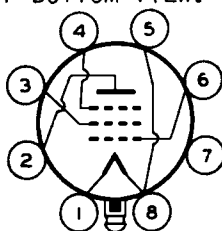
Direct Interelectrode Capacitances:⁰

Grid No.1 to Plate. . .	0.007 max.	μf
Input	3.2	μf
Output.	7.0	μf

⁰ With external shield connected to negative filament terminal.**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.	7A0

Pin 1 - Filament(+)
 Pin 2 - Plate
 Pin 3 - Grid No.2
 Pin 4 - Grid No.3
 Pin 5 - Filament(-)
 Internal
 Shield



Pin 6 - Grid No.1
 Pin 7 - No Con-
 nection
 Pin 8 - Filament(-)
 Internal
 Shield
 Plug - Base Shell

AMPLIFIER - Class A₁**Maximum Ratings, Design-Center Values:**

PLATE VOLTAGE	110 max.	volts
GRID-No.2 (SCREEN) VOLTAGE.	110 max.	volts

Typical Operation and Characteristics:

Plate Voltage	90	90	volts
Grid-No.3 (Suppressor).	{ Connected to negative fila- ment terminal at socket		
Grid-No.2 Voltage	45	90	volts
Grid-No.1 (Control-Grid) Voltage.	0	-1.5	volts
Plate Resistance (Approx.).	1.0	0.5	megohm
Transconductance.	800	1150	μmhos
Grid-No.1 Bias (Approx.) for transconductance of 10 μmhos . . .	-10	-19	volts
Plate Current	1.7	3.7	ma
Grid-No.2 Current	0.4	0.9	ma