



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:^o

Grid No.1 to Plate. . .	0.007 max.	$\mu\mu\text{f}$
Input	3.2	$\mu\mu\text{f}$
Output.	7.0	$\mu\mu\text{f}$

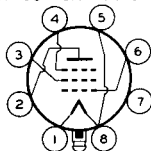
^o With external shield connected to negative filament terminal.

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 Connection
- 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 filament 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