

ILN5



ILN5 SHARP-CUTOFF PENTODE

GENERAL DATA

Electrical:

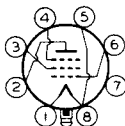
Filament, Coated:		
Voltage	1.4	dc volts
Current	0.05	amp
Direct Interelectrode Capacitances: ⁰		
Grid No.1 to Plate	0.007 max.	$\mu\mu\text{f}$
Input	3.0	$\mu\mu\text{f}$
Output	8.0	$\mu\mu\text{f}$

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 (-)



- Pin 6 - Grid No.1
- Pin 7 - No Connection
- Pin 8 - Filament (-)
- 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 . . volts
Grid-No.3 (Suppressor)	Connected to cathode at socket
Grid-No.2 Voltage	90 . . volts
Grid-No.1 (Control-Grid) Voltage	0 . . volts
Plate Resistance (Approx.)	1.1 . megohms
Transconductance	800 . . μmhos
Grid-No.1 Bias (Approx.) for transconductance of 10 μmhos	-4.5 . . volts
Plate Current	1.6 . . ma
Grid-No.2 Current	0.35 . . ma