



ILC5

SHARP-CUTOFF PENTODE

GENERAL DATA**Electrical:**

Filament, Coated:

Voltage. 1.4 dc volts

Current. 0.05 amp

Direct Interelectrode Capacitances:⁰Grid No.1 to Plate . . . 0.007 max. μmf Input. 3.2 μmf Output 7.0 μmf 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

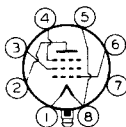
Pin 3-Grid No.2

Pin 4-Grid No.3

Pin 5-Filament (-),

Internal

Shield



Pin 6-Grid No.1

Pin 7-No Connection

Pin 8-Filament (-),

Internal

Shield

Plug -Base

Shield

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

PLATE VOLTAGE. 110 max. volts

GRID-No.2 (SCREEN) VOLTAGE 45 max. volts

Typical Operation and Characteristics:

Plate Voltage. 45 90 . . volts

Grid No.3. Connected to negative filament terminal at socket

Grid-No.2 Voltage. 45 45 . . volts

Grid-No.1 (Control-Grid)

Supply Voltage .

0 0 . . volts

Min. Grid-No.1 Resistor. 1 1 . . megohm

Plate Resistance (Approx.) 0.7 1.5 . . megohms

Transconductance 750 775 . . μmhos

Plate Current. 1.1 1.15 . . ma

Grid-No.2 Current. 0.35 0.30 . . ma