

ILE3



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**MEDIUM-MU TRIODE**

GENERAL DATA

**Electrical:**

Filament, Coated:

Voltage. . . . . 1.4 . . . . . dc volts  
 Current. . . . . 0.05 . . . . . amp

Direct Interelectrode Capacitances - Triode Unit:\*

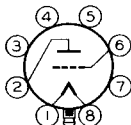
Grid to Plate. . . . . 1.7 . . . . .  $\mu\mu\text{f}$   
 Grid to Cathode. . . . . 1.7 . . . . .  $\mu\mu\text{f}$   
 Plate to Cathode . . . . . 3.0 . . . . .  $\mu\mu\text{f}$

\* 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 . . . . . 4AA

Pin 1 - Filament (+)  
 Pin 2 - Plate  
 Pin 3 - No Connection  
 Pin 4 - No Connection  
 Pin 5 - Internal  
 Connection -  
 Do Not Use



Pin 6 - Grid  
 Pin 7 - No  
 Connection  
 Pin 8 - Filament (-)  
 Plug - Base  
 Shell

AMPLIFIER - Class A<sub>1</sub>

**Maximum Ratings, Design-Center Values:**

PLATE VOLTAGE. . . . . 110 max. volts

**Typical Operation and Characteristics:**

Plate Voltage. . . . . 90 . . . . . 90 . . . . . volts  
 Grid Voltage . . . . . 0 . . . . . -3 . . . . . volts  
 Amplification Factor . . . . . 14.5 . . . . . 14.5  
 Plate Resistance . . . . . 11200 . . . . . 19000 . . . . . ohms  
 Transconductance . . . . . 1300 . . . . . 760 . . . . .  $\mu\text{mhos}$   
 Plate Current. . . . . 4.5 . . . . . 1.4 . . . . . ma