

ILE3



ILE3

MEDIUM-MU TRIODE

GENERAL DATA

Electrical:

Filament, Coated:

Voltage. 1.4 dc volts
Current. 0.05 amp

Direct Interelectrode Capacitances - Triode Unit:*

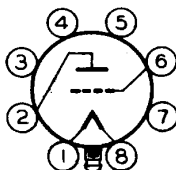
Grid to Plate. 1.7 $\mu\mu\text{f}$
Grid to Cathode. 1.7 $\mu\mu\text{f}$
Plate to Cathode 3.0 $\mu\mu\text{f}$

* 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 A₁

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	μmhos
Plate Current.	4.5	1.4	ma

OCTOBER 15, 1947

TUBE DEPARTMENT
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

DATA