



26C6 DUPLEX-DIODE TRIODE

MINIATURE TYPE

For use with 12-cell storage-battery supply

26C6

GENERAL DATA

Electrical:

Heater, for Unipotential Cathode:

Voltage. 26.5 ac or dc volts

Current. 0.07 amp

Direct Interelectrode Capacitances:⁰

Triode Unit: Grid to Plate. 2.0 μf

Grid to Cathode & Heater. 1.8 μf

Plate to Cathode & Heater 1.4 μf

Mechanical:

Mounting Position. Any

Maximum Overall Length 2-1/8"

Maximum Seated Length. 1-7/8"

Length from Base Seat to

Bulb Top (excluding tip) 1-1/2" $\pm$ 3/32"

Maximum Diameter 3/4"

Bulb T-5-1/2

Base Miniature Button 7-Pin

Basing Designation for BOTTOM VIEW 7BT

Pin 1 - Triode Grid

Pin 2 - Cathode

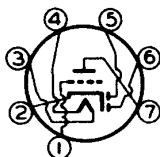
Pin 3 - Heater

Pin 4 - Heater

Pin 5 - Diode Plate No.2

Pin 6 - Diode Plate No.1

Pin 7 - Triode Plate



TRIODE UNIT - Class A₁ AMPLIFIER

Maximum Ratings, Design-Center Values:

PLATE VOLTAGE. 250 max. volts

PLATE DISSIPATION. 2.5 max. watts

PEAK HEATER-CATHODE VOLTAGE:

Heater negative with respect to cathode 90 max. volts

Heater positive with respect to cathode 90 max. volts

Characteristics:

Plate Voltage. 26.5 250 volts

Grid Voltage:

From a fixed supply of - -9 volts

From a grid resistor of 2.0 - megohms

Amplification Factor 17 16

Plate Resistance 15500 8500 ohms

Transconductance 1100 1900 μmhos

Plate Current. 1.1 9.5 ma.

Typical Operation with Resistance Coupling:

See RESISTANCE-COUPLED AMPLIFIER CHART, Type 6R7.

⁰ with external shield connected to cathode. Values are approximate.

JUNE 20, 1946

TUBE DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

TENTATIVE DATA

26C6



26C6

DUPLEX-DIODE TRIODE

DIODE UNITS - Two

The two diode plates are placed around a cathode, the sleeve of which is common to the triode unit. Each diode plate has its own base pin. Diode curves in the front of the RECEIVING TUBE SECTION apply to the 26C6.

*Additional curves applying to the 26C6
are shown under Types 6R7, and 6SR7*

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TENTATIVE DATA

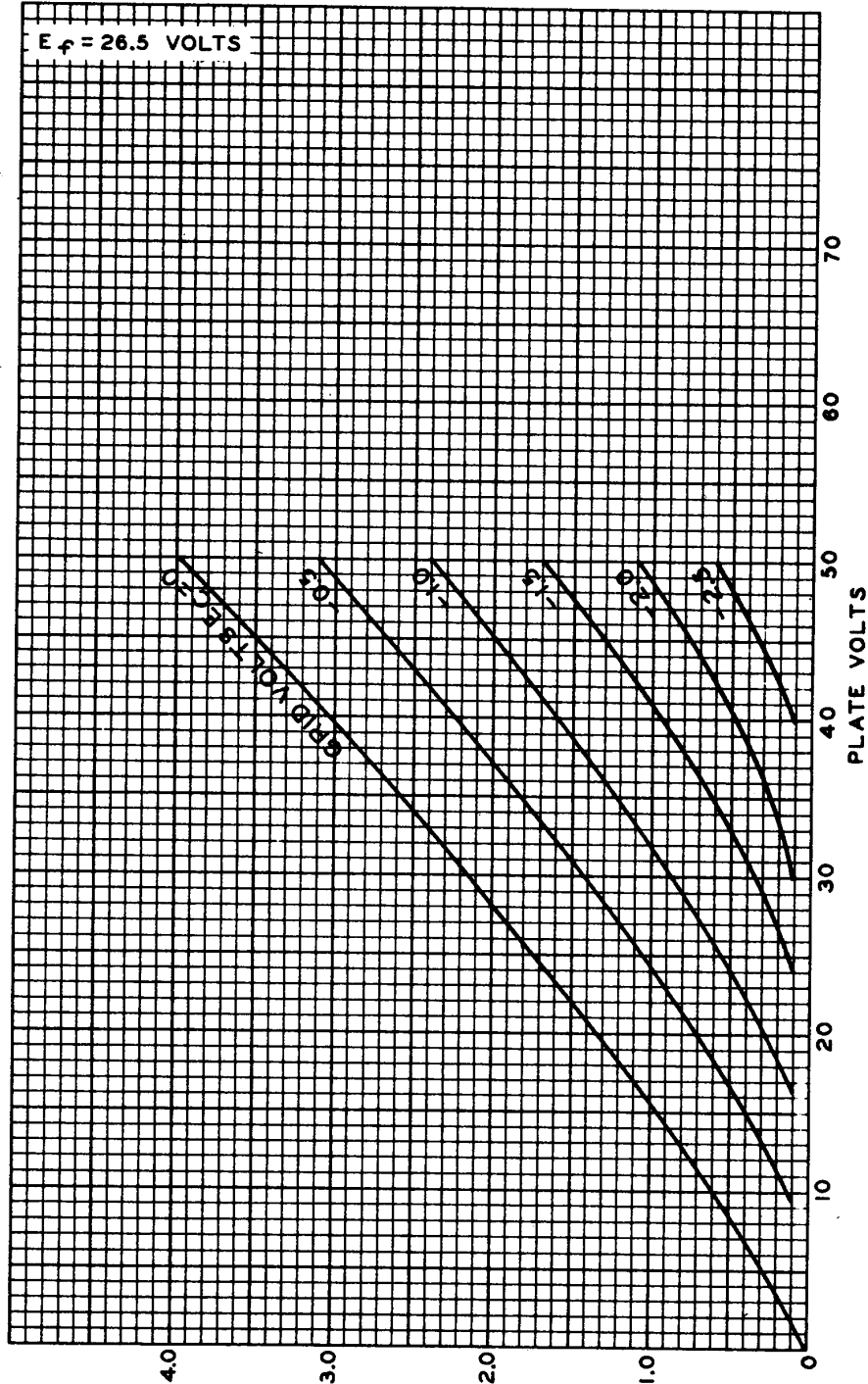


26C6

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AVERAGE PLATE CHARACTERISTICS

$E_f = 26.5$ VOLTS



JUNE 10, 1946

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92CM-6772