



26C6

26C6 DUPLEX-DIODE TRIODE

MINIATURE TYPE

For use with 12-cell storage-battery supply

GENERAL DATA**Electrical:**

Heater, for Unipotential Cathode:

Voltage. 26.5 ac or dc volts

Current. 0.07 amp

Direct Interelectrode Capacitances:⁰Triode Unit: Grid to Plate 2.0 μmf Grid to Cathode & Heater. 1.8 μmf Plate to Cathode & Heater 1.4 μmf **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

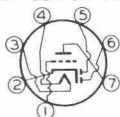
Basing Designation for BOTTOM VIEW 7BT

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.

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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.

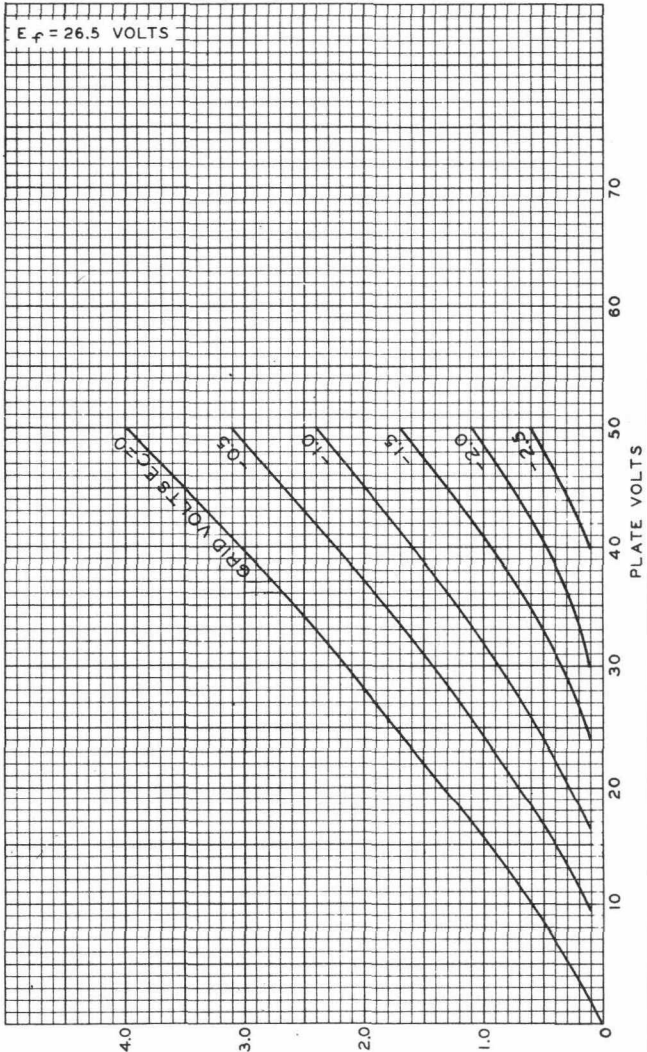
*Additional curves applying to the 26C6
are shown under Types 6R7, and 6SR7*



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AVERAGE PLATE CHARACTERISTICS



JUNE 10, 1946

PLATE MILLIAMPERES

TUBE DEPARTMENT

RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

92CM-6772

