



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

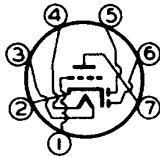
Direct Interelectrode Capacitances:^o

<i>Triode Unit:</i> 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" ± 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 5 - Diode Plate No. 2
Pin 2 - Cathode	Pin 6 - Diode Plate No. 1
Pin 3 - Heater	Pin 7 - Triode Plate
Pin 4 - Heater	



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	μhos
Plate Current.	1.1	9.5	ma.

Typical Operation with Resistance Coupling:

See RESISTANCE-COUPLED AMPLIFIER CHART, Type 6R7.

^o 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*

JUNE 20, 1946

TUBE DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

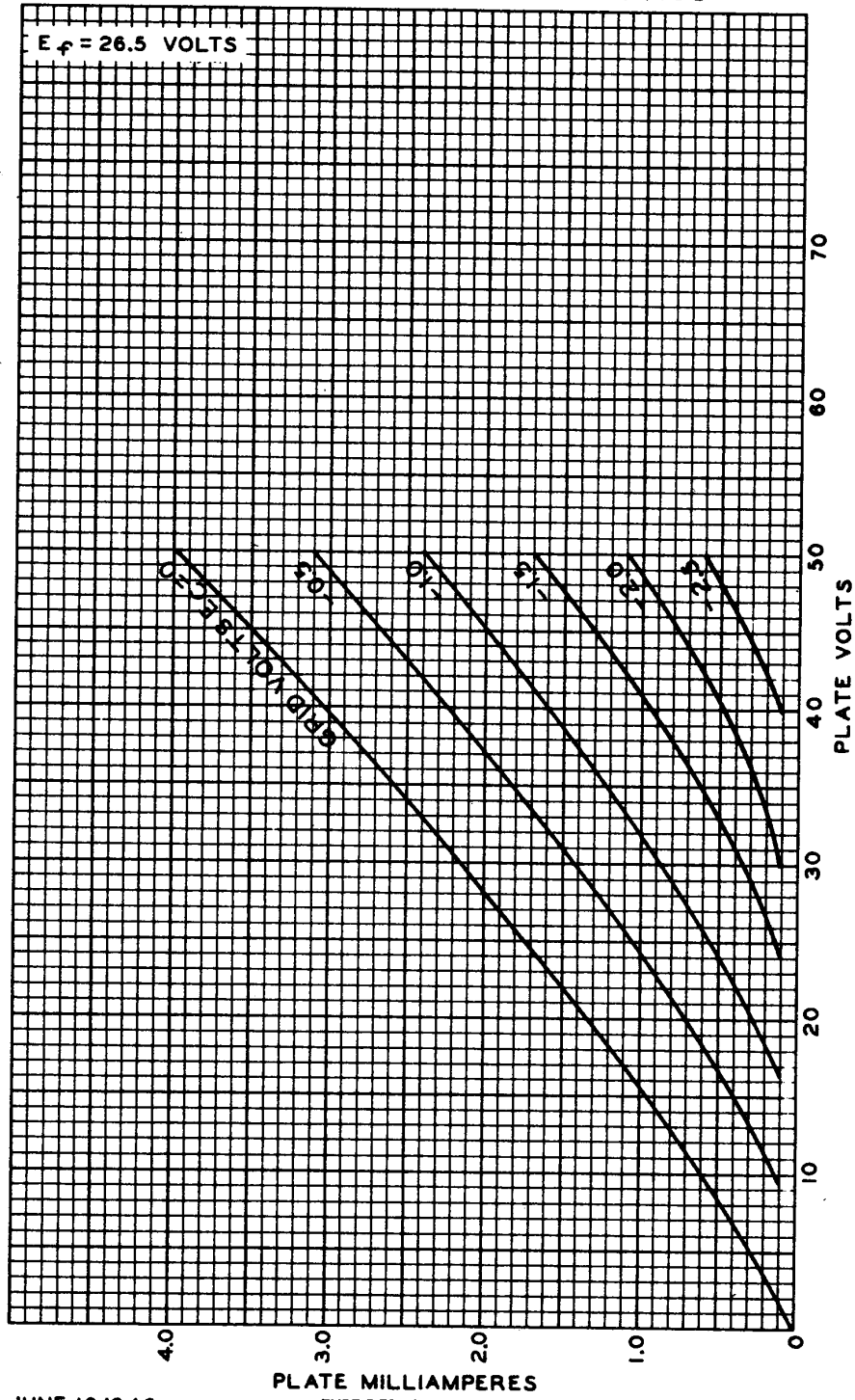
TENTATIVE DATA



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AVERAGE PLATE CHARACTERISTICS



JUNE 10, 1946

PLATE MILLIAMPERES
TUBE DEPARTMENT
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92CM-6772