

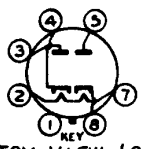


117Z6-GT/G

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HIGH-VACUUM RECTIFIER-DOUBLER

Heater Coated Unipotential Cathodes  
 Voltage 117 a-c or d-c volts  
 Current 0.075 amp.  
 Maximum Overall Length 3-5/16"  
 Maximum Seated Height 2-3/4"  
 Maximum Diameter 1-5/16"  
 Bulb T-9  
 Base Intermediate Shell Octal 7-Pin  
 Pin 1 - No Connection  
 Pin 2 - Heater  
 Pin 3 - Plate #2  
 Pin 4 - Cathode #2  
 Pin 5 - Plate #1  
 Pin 7 - Heater  
 Pin 8 - Cathode #1  
 Mounting Position Any



BOTTOM VIEW (G-7Q)

Maximum Ratings Are Design-Center Values

RECTIFIER OR DOUBLER

Peak Inverse Plate Voltage 700 max. volts  
 Peak Plate Current per Plate 360 max. ma.  
 D-C Output Current per Plate 60 max. ma.  
 D-C Heater-Cathode Potential 350 max. volts

Typical Operation As Half-Wave Rectifier with Condenser-Input Filter:<sup>o</sup>

A-C Plate Supply Voltage per Plate (RMS)	117	150	235	volts
Filter Input Condenser	40	40	40	μf
Min. Total Effect. Plate-Supply Imped. per Plate	15	40	100	ohms
D-C Output Current per Plate	60	60	60	ma.

Typical Operation As Voltage Doubler:

	Half-Wave	Full-Wave	
A-C Plate Supply Voltage per Plate (RMS)	117	117	volts
Filter Input Condenser	40	40	μf
Min. Total Effect. Plate-Supply Imped. per Plate	30	15	ohms
D-C Output Current	60	60	ma.

<sup>o</sup> In half-wave rectifier service, the two units may be used separately or in parallel.

For Typical Rectifier-Doubler Circuits, see Type 25Z5.

← Indicates a change.

AUG. 2, 1943

RCA VICTOR DIVISION  
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

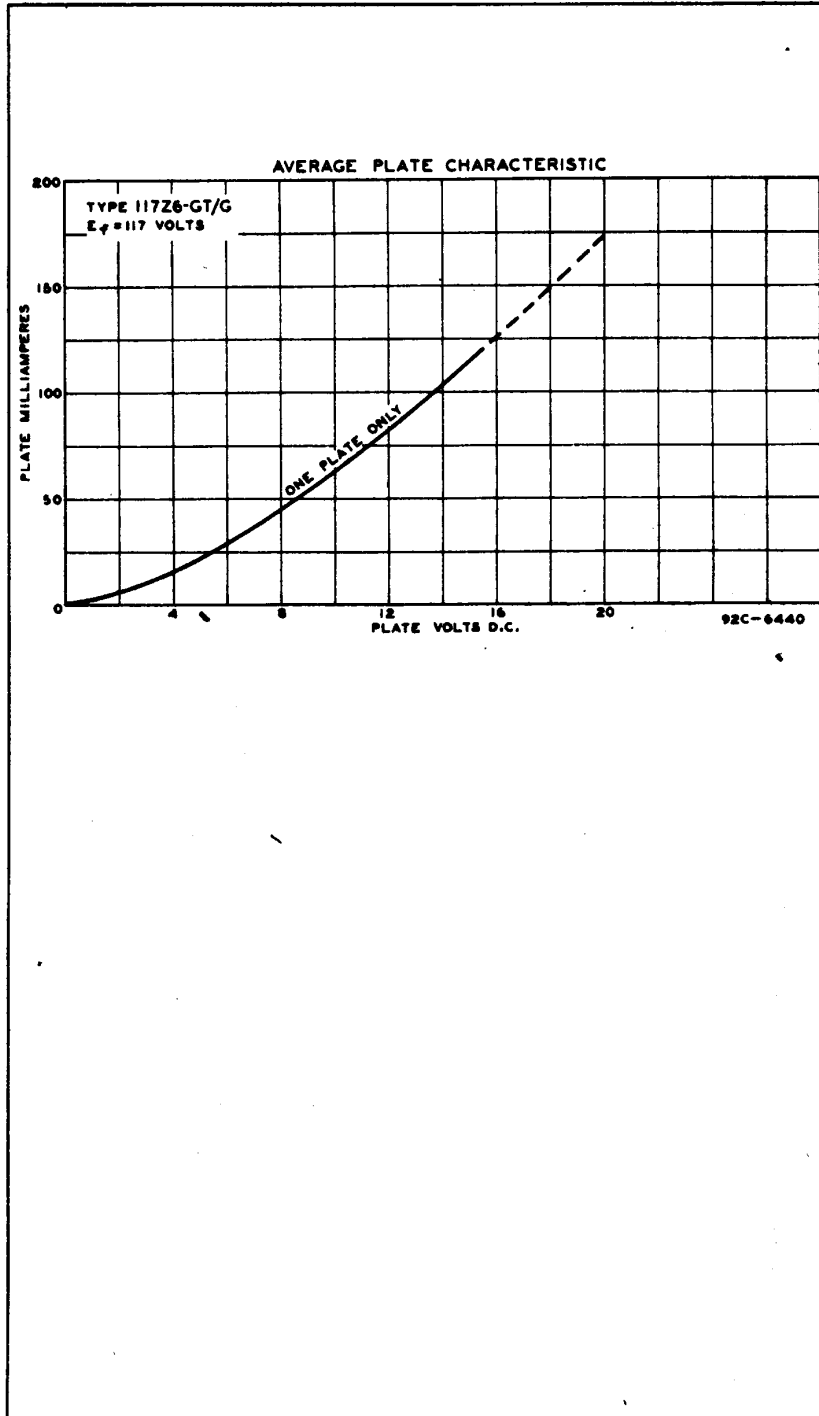
DATA

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