



25Z6-GT

Description and Rating

HIGH-VACUUM RECTIFIER DOUBLER

GENERAL DESCRIPTION

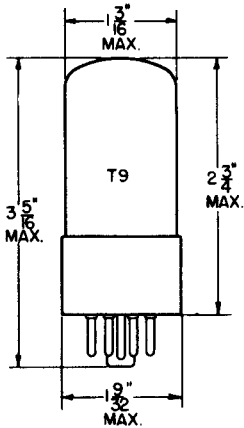
Principal Application: The 25Z6-GT is a heater-cathode type full-wave high-vacuum rectifier-doubler tube designed for use in the power supply of a-c or

a-c/d-c receivers. Electrically the 25Z5, 25Z6 and 25Z6-GT are identical.

Cathode: . . . . . Coated Unipotential
Heater Voltage (A-C or D-C) . . . . 25.0 Volts
Heater Current . . . . . 0.3 Ampere

Envelope: . . . . . T-9 Glass
Base: B7-7 Intermed Shell Octal 7-Pin Phenolic
Mounting Position: . . . . . Any

PHYSICAL DIMENSIONS

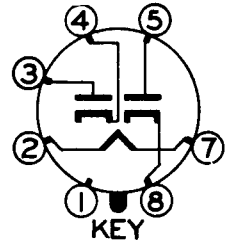


RMA 9-11

TERMINAL CONNECTIONS

- Pin 1 - No Connection
Pin 2 - Heater
Pin 3 - Plate Number 2
Pin 4 - Cathode Number 2
Pin 5 - Plate Number 1
Pin 7 - Heater
Pin 8 - Cathode Number 1

BASING DIAGRAM



RMA 7Q
BOTTOM VIEW

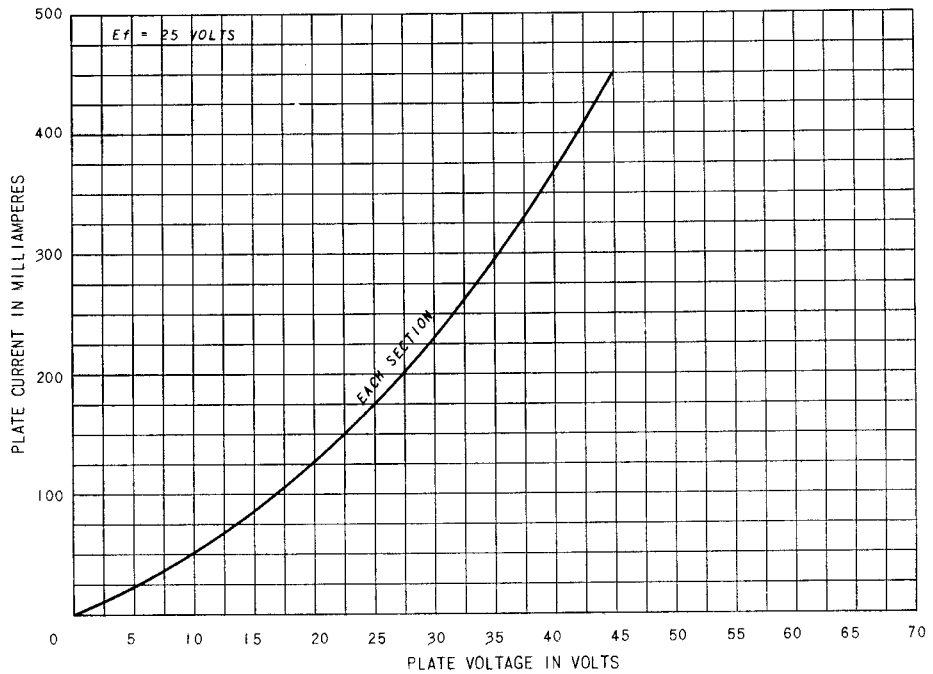
MAXIMUM RATINGS

Table with columns: Design Center, Absolute, and units (Volts, Milliamperes). Rows include Peak Inverse Plate Voltage, A-C Plate Voltage per Plate (RMS), Peak Plate Current per Plate, D-C Output Current per Plate, and D-C Heater-Cathode Voltage.

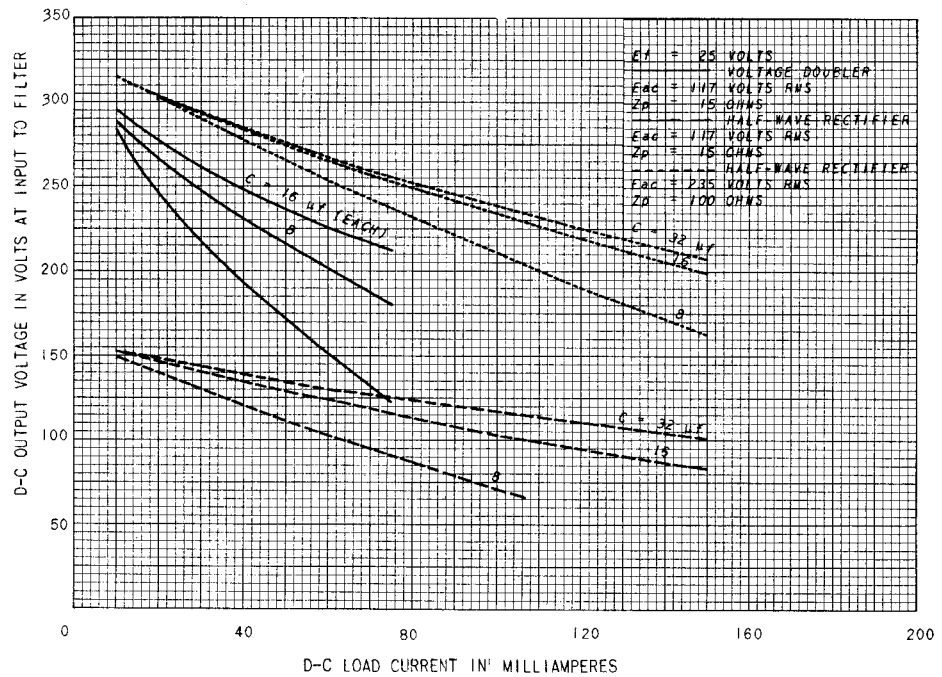
CHARACTERISTICS AND TYPICAL OPERATION

Table with columns: Half-Wave Rectifier, Voltage Doubler (Half-Wave, Full-Wave), and units (Volts, Ohms, Milliamperes, Microfarads). Rows include Heater Voltage, A-C Plate Voltage per Plate (RMS), Minimum Total Plate-Supply Impedance per Plate, D-C Output Current per Plate, D-C Output Voltage at Input to Filter (Approx.), and Filter Input Capacitor.

AVERAGE PLATE CHARACTERISTICS



OPERATION CHARACTERISTICS



Electronics Department



Schenectady, N. Y.