

# TECHNICAL DATA

from RMA release #170, March 31, 1939

## ARCTURUS

MAR 31 1939

MAR 31 1939

### TYPE 25X6GT WIDGET

### HIGH-VACUUM RECTIFIER-VOLTAGE DOUBLER

Heater Voltage  
Heater Current

25.0 Volts  
.15 Amperes

### OPERATING CONDITIONS

#### VOLTAGE DOUBLER

A.C. Voltage per plate (RMS)  
D.C. Output Current

125 Volts (Max)  
60 ma. (Max)

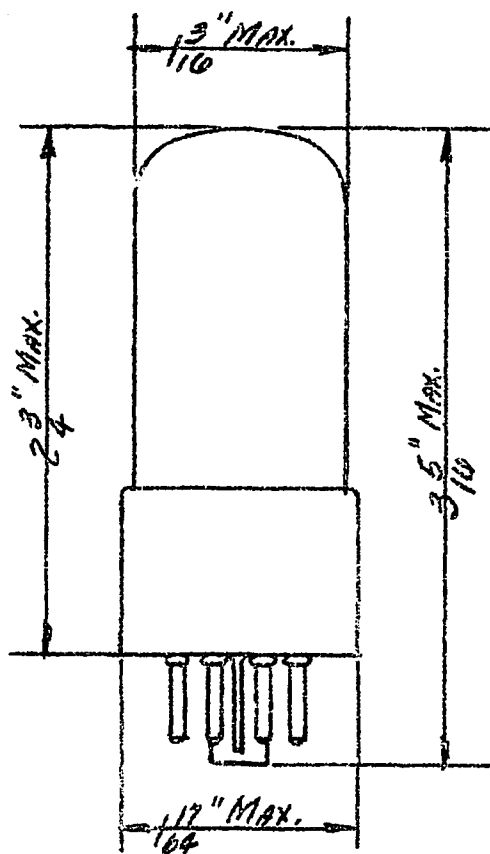
#### HALF WAVE RECTIFIER

A.C. Voltage per plate (RMS) 1  
A.C. Voltage per plate (RMS) 2  
D.C. Output Current per plate  
Voltage Drop (each plate)

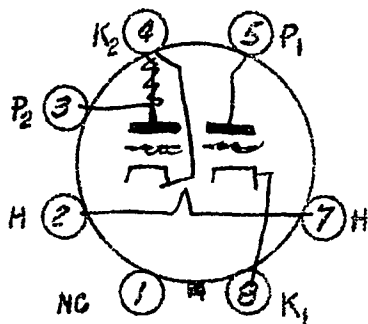
125 Volts (Max)  
250 Volts (Max)  
60 ma. (Max)

at 120 ma. 25 Volts

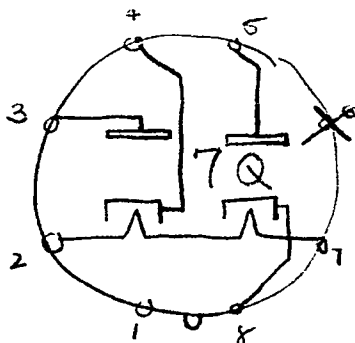
- 1 - without series resistor.
- 2 - with 100 ohm resistor in each plate lead.



### PIN ARRANGEMENT



### BOTTOM VIEW



### APPLICATION

Type 25X6GT was designed primarily for series heater operation in AC-DC receivers. It may be used in conventional voltage doubler and half wave rectifier circuits.

3-30-39