



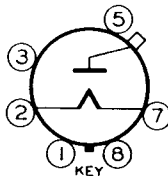
2V3-G

2V3-G

**HALF-WAVE HIGH-VACUUM RECTIFIER**

FOR USE WITH CATHODE-RAY TUBES

|                        |          |                             |
|------------------------|----------|-----------------------------|
| Filament               | Tungsten |                             |
| Voltage *              | 2.5      | a-c volts                   |
| Current                | 5        | amp.                        |
| Maximum Overall Length |          | 4-15/32"                    |
| Maximum Diameter       |          | 1-9/16"                     |
| Bulb                   |          | ST-12                       |
| Cap                    |          | Skirted Miniature - Style A |
| Base                   |          | Small Shell Octal 6-Pin     |
| Pin 1 - No Connection  |          | Pin 7 - Filament            |
| Pin 2 - Filament       |          | Pin 8 - No Connection       |
| Pin 3 - No Connection  |          | Cap - Plate                 |
| Pin 5 - No Connection  |          |                             |
| Mounting Position      |          | Vertical Only               |

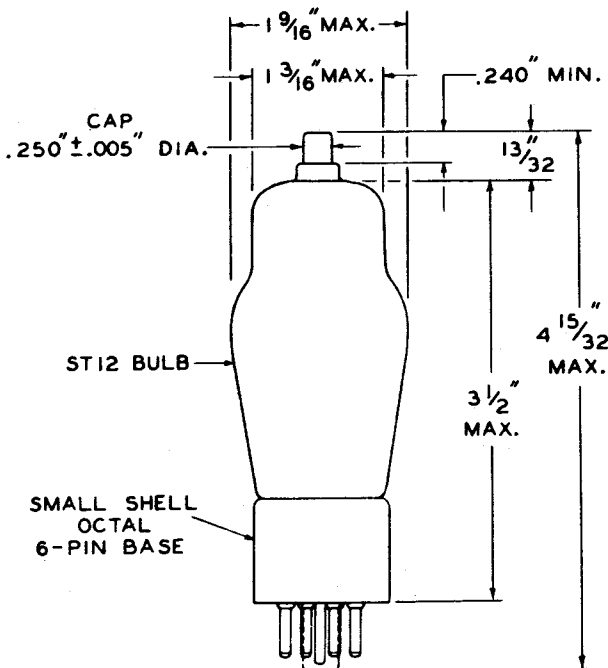


BOTTOM VIEW

**MAXIMUM RATINGS**

|                       |                  |
|-----------------------|------------------|
| Peak Inverse Voltage  | 16500 max. volts |
| Peak Plate Current    | 12 max. ma.      |
| Average Plate Current | 2 max. ma.       |

\* In equipment designed for an average line voltage of 117 volts, the 2V3-G can be operated at line voltages up to 125 volts or as low as 105 volts without serious effect on tube performance and life.



92C-6005 RI

APRIL 3, 1939

RCA RADITRON DIVISION  
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TENTATIVE DATA

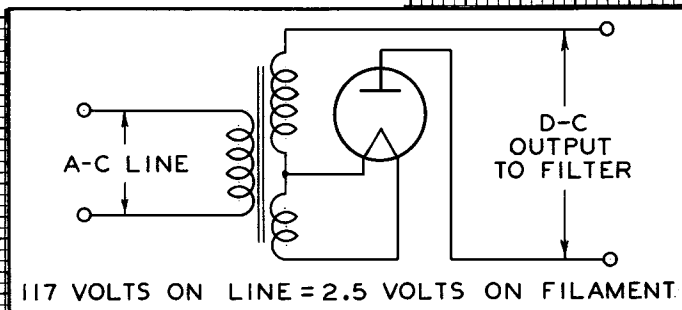
2V3-G



2V3-G

# TYPICAL REGULATION CHARACTERISTIC

D-C OUTPUT CURRENT = 2 MA.



D-C OUTPUT VOLTS AT INPUT TO FILTER - PER CENT

120

80

40

117 VOLTS  
RMS

-20

-15

-10

-5

0

+5

+10

LINE VOLTAGE VARIATION - PER CENT

DEC. 7, 1938

RCA RADOTRON DIVISION  
RCA MANUFACTURING COMPANY, INC.

92C-6013