



9005

9005

**U-H-F DIODE**

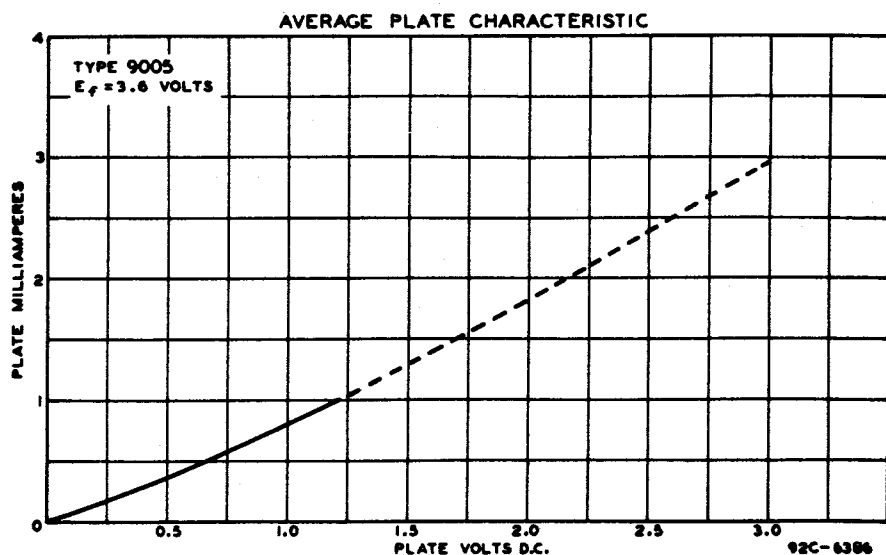
ACORN TYPE

|                                                  |                             |                     |  |
|--------------------------------------------------|-----------------------------|---------------------|--|
| Heater                                           | Coated Unipotential Cathode |                     |  |
| Voltage                                          | 3.6                         | a-c or d-c volts    |  |
| Current                                          | 0.165                       | amp.                |  |
| Direct Interelectrode Capacitances: <sup>o</sup> |                             |                     |  |
| Plate to Cathode                                 | 0.8                         | $\mu$ f             |  |
| Plate to Heater                                  | 0.2 approx.                 | $\mu$ f             |  |
| Heater to Cathode                                | 1.1 approx.                 | $\mu$ f             |  |
| Overall Length                                   |                             | 1-7/32" $\pm$ 5/32" |  |
| Overall Diameter                                 |                             | 1-3/32" $\pm$ 1/16" |  |
| Bulb                                             |                             | T-4 $\frac{1}{2}$   |  |
| RCA Socket                                       |                             | Stock No. 9925      |  |
| Mounting Position                                |                             | Any                 |  |

*Maximum Ratings are Design-Center Values*RECTIFIER

|                         |                |
|-------------------------|----------------|
| A-C Plate Voltage (RMS) | 117 max. volts |
| D-C Output Current      | 1.0 max. ma.   |

The resonant frequency of the 9005 is approximately 1500 Mc.

<sup>o</sup>With no external shield.

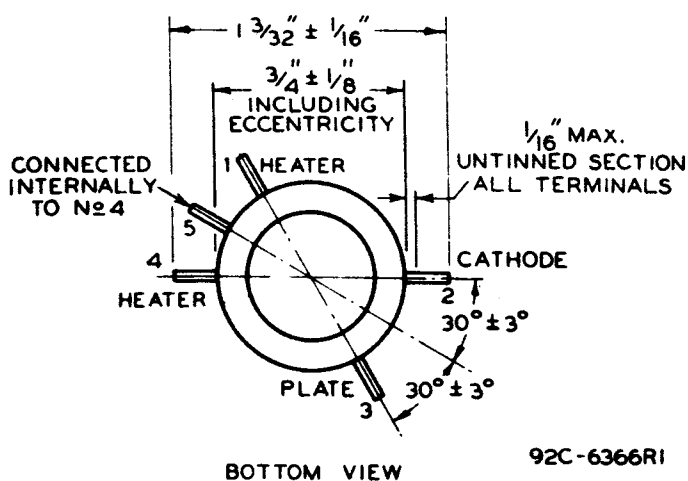
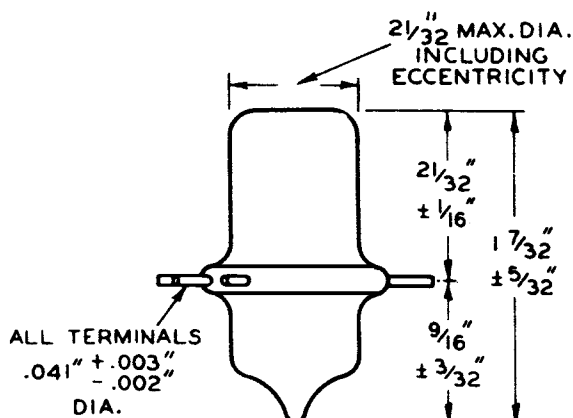
Dec. 1, 1942

RCA RADIOTRON DIVISION  
RCA MANUFACTURING COMPANY, INC.

TENTATIVE DATA



## U-H-F DIODE



92C-6366R1

← Indicates a change.



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## AVERAGE CHARACTERISTICS

 $E_f = 3.6$  VOLTS

| CURVE | LOAD RESISTOR<br>OHMS |
|-------|-----------------------|
| A     | 2500                  |
| B     | 5000                  |
| C     | 7500                  |
| D     | 10000                 |
| E     | 15000                 |
| F     | 25000                 |
| G     | 40000                 |
| H     | 100000                |
| I     | 250000                |
| J     | 500000                |
| K     | 1000000               |

