



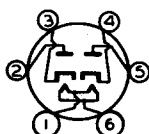
25Y5



25Y5

**HIGH-VACUUM RECTIFIER-DOUBLER**

|                        |                              |                    |
|------------------------|------------------------------|--------------------|
| Heater                 | Coated Unipotential Cathodes |                    |
| Voltage                | 25                           | a-c or d-c volts   |
| Current                | 0.3                          | amp.               |
| Maximum Overall Length |                              | 4-3/16"            |
| Maximum Seated Height  |                              | 3-9/16"            |
| Maximum Diameter       |                              | 1-9/16"            |
| Bulb                   |                              | ST-12              |
| Base                   |                              | Small 6-Pin        |
| Pin 1 - Heater         |                              | Pin 4 - Cathode #1 |
| Pin 2 - Plate #2       |                              | Pin 5 - Plate #1   |
| Pin 3 - Cathode #2     |                              | Pin 6 - Heater     |
| Mounting Position      |                              | Any                |



BOTTOM VIEW (6E)

RECTIFIER

|                                                                       |         |                |
|-----------------------------------------------------------------------|---------|----------------|
| Peak Inverse Voltage                                                  |         | 700 max. volts |
| Peak Plate Current per Plate                                          |         | 450 max. ma.   |
| D-C Heater-Cathode Potential                                          |         | 350 max. volts |
| <i>Operation as Half-Wave Rectifier with Condenser-Input Filter:*</i> |         |                |
| A-C Plate Volt. per Plate (RMS)                                       | 150     | 235 max. volts |
| Total Effective Plate-Supply Impedance per Plate <sup>▲</sup>         | 0       | 0 ohms         |
| D-C Output Current per Plate                                          | 75 max. | 75 max. ma.    |

\* In half-wave rectifier service, the two units may be used separately or in parallel.

▲ When a filter-input condenser larger than 40  $\mu$ f is used, it may be necessary to use more plate-supply impedance than the minimum value shown to limit the peak plate current to the rated value.

*The curve under type 25Z6 also applies to the 25Y5.*

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RCA RADOTRON DIVISION  
RCA MANUFACTURING COMPANY, INC.

TENTATIVE DATA