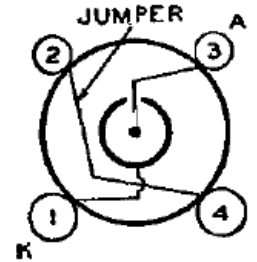


# RCA-874

## VOLTAGE REGULATOR



The 874 is a voltage regulator tube designed to maintain constant d-c output from rectifier devices for varying values of d-c load current.

### CHARACTERISTICS

STARTING SUPPLY VOLTAGE (D. C.).....	125 min.	Volts
OPERATING VOLTAGE (D. C.).....	90	Volts
OPERATING CURRENT (D. C.).....	10 to 50	Milliamperes
CONTINUOUS CURRENT (D. C.).....	50 max.	Milliamperes
MAXIMUM OVERALL LENGTH.....	5 <sup>5</sup> / <sub>8</sub>	Inches
MAXIMUM DIAMETER.....	2 <sup>8</sup> / <sub>16</sub>	Inches
BULB.....		S-17
BASE.....	Medium	4-Pin Bayonet

### INSTALLATION AND APPLICATION

The base pins of the 874 fit the standard four-contact socket. Pins No. 2 and No. 4 are connected together within the base; the connection is used as a link in the primary circuit of the power transformer to prevent the application of voltage when the 874 is removed from its socket.

Sufficient resistance must always be used in series with the 874 to limit the current to 50 milliamperes when no load current is being drawn from the rectifier.

*This type is used principally for renewal purposes.*