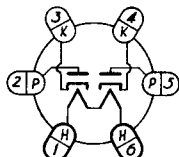


TWIN DIODE
HIGH VACUUM RECTIFIER
VOLTAGE DOUBLER

Heater Type

Glass Bulb

The 25Z5 is a high vacuum type rectifier tube designed for service as a half wave rectifier or voltage doubler in a-c - d-c receivers.



BOTTOM VIEW OF SOCKET

VOLTAGE DOUBLER

Heater Voltage (a-c or d-c)	25	volts
Heater Current	0.3	amp
Maximum A-C Voltage per Plate (RMS)	125	volts
Maximum Peak Plate Current	500	ma
Maximum D-C Output Current	100	ma

HALF-WAVE RECTIFIER

	Without Series Resistor	With Series Resistor*
Heater Voltage (a-c or d-c)	25	25 volts
Heater Current	0.3	0.3 amp
Maximum A-C Voltage per Plate (RMS)	125	250 volts
Maximum Peak Current per Plate	500	500 ma
Maximum D-C Output Current per Plate	85	85 ma

As a half-wave rectifier, the two sections may be used either separately or connected in parallel.

*A-C plate voltages greater than 125 volts require the use of a 100 ohm series resistor in each plate lead or a 100 ohm series resistor common to both plates. The latter connection gives somewhat poorer regulation.

