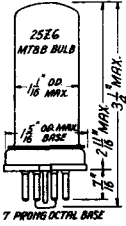


25Z6 25Z6G

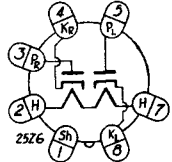
RAYTHEON

25Z6 25Z6G



TWIN DIODE
HIGH VACUUM RECTIFIER
VOLTAGE DOUBLER
Heater Type
Metal Bulb-25Z6 Glass Bulb-25Z6G

The 25Z6 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
25Z6G - NO CONNECTION
TO #1 PIN

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	85	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
Max. A-C Voltage per Plate (RMS)	125	250	volts
Max. Peak Plate Current per Plate	500	500	ma
Max. 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.

