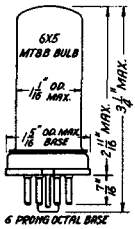
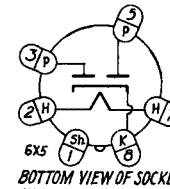
RAYTHEON

6X5
6X5G



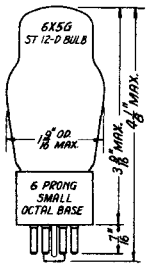
TWIN DIODE
FULL WAVE HIGH VACUUM RECTIFIER
Heater Type
Metal Bulb-6X5 Glass Bulb-6X5

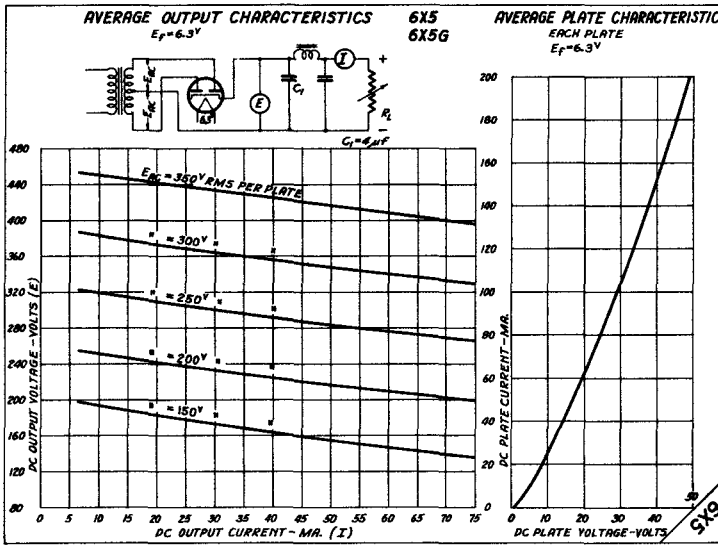
The 6X5 is a full wave high vacuum type rectifier tube designed for service in power supplies for storage battery or a-c operated receivers.



BOTTOM VIEW OF SOCKET
6X5G-NO CONNECTION
TO #1 PIN.

FULL WAVE RECTIFIER
Condenser or Choke Input Filter



Heater Voltage (a-c or d-c)	6.3	volts
Heater Current	0.6	amp
Maximum A-C Voltage per Plate (RMS)	350	volts
Maximum Inverse Peak Voltage	1250	volts
Maximum D-C Output Current	75	ma
Maximum D-C Voltage between Heater and Cathode	400	volts
AVERAGE TUBE VOLTAGE DROP (At 75 ma. output current per plate)	22	volts

There are certain 32 volt receivers designed with 6X5G tubes operated in series. The filament current value used in this design was 0.5 ampere. Type 6X5G tubes marked "500" under the type designation may be obtained for this service.