Hygrade Sylvania

TECHNICAL DATA
SYLVANIA TYPE 6ZY5G
Full-Wave Rectifier

CHARACTERISTICS

Heater Voltage AC or DC 6.3 Volts
Heater Current 0.3 Ampere

OPERATING CONDITIONS AND CHARACTERISTICS

Heater Voltage AC or DC 6.3 Volts
A-C Voltage per Plate (RMS) 350 Volts Max.
D-C Output Current 35 Ma. Max.
Peak Inverse Voltage 1000 Volts
Peak Plate Current per Plate 150 Ma.
Voltage between Heater and Cathode 400 Volts DC Max.
Tube Voltage Drop (at 35 ma.) 16.5 Volts Approx.

CIRCUIT APPLICATION

Sylvania Type 6ZY5G is a heater type, high vacuum, full-wave rectifier designed especially for use in receivers equipped with low current drain tubes. If a Class B output stage is employed this rectifier is capable of supplying maximum currents up to 40 milliamperes while for straight Class A operation the maximum of 35 milliamperes should not be exceeded.

In order to obtain satisfactory output and regulation careful consideration should be given to secure proper filtering. Filter circuits of the condenser-input or the choke-input type are applicable. Special ratings for the choke-input condition will be available in the near future.

If the d-c resistance from the plate to center-tap of the power transformer is not greater than 225 ohms enough resistance should be inserted in series with each plate to provide this minimum of resistance.

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