



ELECTRONIC TUBE REFERENCE

35Z5G

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Indirectly heated high-vacuum half-wave rectifier with a tapped 35 V heater for pilot-lamp operation. It is designed for AC/DC receiver power supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	6AD-0-0	BASE PINS	6
NOMINAL HEATER	35 V / 150 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
MAXIMUM PLATE VOLTAGE	235 V
PEAK INVERSE VOLTAGE	700 V
NOMINAL OUTPUT CURRENT	100 mA
PEAK FORWARD CURRENT	600 mA
FORWARD VOLTAGE DROP	18 V
MAXIMUM HEATER-CATHODE VOLTAGE	350 V
<i>Explicit co-designation/electrically identical designation on 35Z5GT source.</i>	

High-vacuum half-wave rectifier with pilot-lamp heater tap.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 Sylvania

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1950 SYLVANIA

Section 1 · Rectifier

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	35 V	—
HeaterOrFilamentCurrent	150 mA	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
ACVoltagePerPlate	125 V	CapacitorInputFilter



SOURCE OPERATING CONDITIONS

1961 Tung Sol

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1961 TUNG SOL

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
AC plate voltage RMS	117 V	WithPanelLamp
DC output current	90 mA	WithPanelLamp
Panel lamp shunt resistance	250 ohm	90mAOutput

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Tapped heater section voltage	7.5 V	—