



ELECTRONIC TUBE REFERENCE

6Z5

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Heater-type high-vacuum full-wave rectifier with a center-tapped heater permitting flexible series or parallel operation. Its dual-diode structure suits adaptable receiver power-supply designs.

GENERAL CHARACTERISTICS

BASE DESIGNATION	6K	BASE PINS	6
NOMINAL HEATER	6.3 V / 800 mA	PARALLEL HEATER	6.3 V / 800 mA
HEATING	Indirect	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	1500 V
NOMINAL OUTPUT CURRENT	60 mA
PEAK FORWARD CURRENT	230 mA
<i>Published handbook ratings and representative operating characteristics reviewed.</i>	

SECTION2 Rectifier	
PEAK INVERSE VOLTAGE	1500 V
NOMINAL OUTPUT CURRENT	60 mA
PEAK FORWARD CURRENT	230 mA
<i>Second physical rectifier section; electrical properties populated from corresponding identical section.</i>	

Heater-type high-vacuum full-wave rectifier with a center-tapped heater permitting either 6.3-volt parallel or 12.6-volt series heater operation.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X General Electric Essential Characteristics

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

195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

Section 1 · Rectifier

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	Published heater rating
Heater current	600 mA	Published heater rating

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DC output current	60 mA	RectifierService
Peak inverse voltage	1500 V	RectifierService
RMS supply voltage per plate	350 V	RectifierService
Peak current per plate	230 mA	RectifierService



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

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
Heater voltage	6.3 V	Nominal
Heater current	800 mA	Nominal

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
AC plate voltage per plate RMS	230 V	CapacitorInputFilter
DC output current	60 mA	CapacitorInputFilter

1961 TUNG SOL

Section 2 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	Nominal
Heater current	800 mA	Nominal
AC plate voltage per plate RMS	230 V	CapacitorInputFilter
DC output current	60 mA	CapacitorInputFilter