



ELECTRONIC TUBE REFERENCE

12Z5

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 heater operation. Its dual rectifier sections provide moderate-current power-supply service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	6
NOMINAL HEATER	12.6 V / 400 mA	PARALLEL HEATER	6.3 V / 800 mA
HEATING	Indirect	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
NOMINAL OUTPUT CURRENT	60 mA

SECTION2 Rectifier	
NOMINAL OUTPUT CURRENT	60 mA
Physical rectifier section 2; electrical properties populated from the same published ratings applicable to the identical rectifier path.	

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

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
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 voltage	6.3 V	Nominal
Heater current	800 mA	Nominal
Heater current	800 mA	Nominal
AC plate voltage per plate RMS	230 V	CapacitorInputFilter
AC plate voltage per plate RMS	230 V	CapacitorInputFilter
DC output current	60 mA	CapacitorInputFilter

TUBE TINKER

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and their source documents.

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