



ELECTRONIC TUBE REFERENCE

CONSOLIDATED TECHNICAL DATA

45Z3

1 SECTION
CONSTRUCTION
RECTIFIER

Rectifier - Half Wave electronic tube

High-vacuum half-wave rectifier for transformerless series-heater receiver supplies. Rated for approximately 700 V peak inverse voltage and 100 mA rectified DC output from a 45 V heater.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	45 V / 150 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	700 V
NOMINAL OUTPUT CURRENT	100 mA
MAXIMUM HEATER-CATHODE VOLTAGE	350 V
Published promoted fields populated by semantic headings; identical repeated sections compressed.	

High-vacuum half-wave power rectifier for series-heater receiver power supplies.



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
Peak Inverse Voltage	700 V	—
DC Output Current	100 mA	—

TUBE TINKER

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and their source documents.

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