



ELECTRONIC TUBE REFERENCE

35Z3LT

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Indirectly heated half-wave high-vacuum rectifier for line-operated power supplies. Its 35 V series-string heater provides conventional moderate-current transformerless receiver rectification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
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	
PEAK INVERSE VOLTAGE	700 V
NOMINAL OUTPUT CURRENT	100 mA
PEAK FORWARD CURRENT	600 mA
<i>Published ratings and characteristics promoted where clearly stated; remaining published values retained as section parameters.</i>	

Half-wave high-vacuum rectifier with a 35 V, 0.15 A heater for line-operated power supplies.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1940 RCA

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

1940 RCA

Section 1 · Rectifier

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	35 V	Published nominal value
Heater or filament current	150 mA	Published nominal value

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
AC plate voltage	250 V	With series resistor
Peak inverse voltage	700 V	Published
Peak plate current	600 mA	Published
DC output current	100 mA	Published

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