



ELECTRONIC TUBE REFERENCE

38A3

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Half-wave high-vacuum rectifier for equipment using series-connected heaters. Its 38 V heater and useful current capability suit transformerless electronic power supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	38 V / 100 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	110 mA
PEAK FORWARD CURRENT	660 mA
MAXIMUM HEATER-CATHODE VOLTAGE	550 V
<i>Published ratings and characteristics promoted from the supplied Rogers/Rogers Majestic source.</i>	

Half-wave high-vacuum rectifier for series-heater equipment.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1959 Rogers

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

1959 ROGERS

Section 1 · Rectifier

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	38 V	—
HeaterOrFilamentCurrent	100 mA	—