



ELECTRONIC TUBE REFERENCE

RG1000

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Mercury-vapor half-wave rectifier for high-voltage supplies. Rated for approximately 6 kV peak inverse voltage and 1.25 A average rectified current, providing substantial current capability for industrial power conversion.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 5 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	6000 V
NOMINAL OUTPUT CURRENT	1.25 A
<i>Published ratings and characteristics promoted from the approved source.</i>	

Mercury-vapor half-wave rectifier for high-voltage power-supply service, rated for approximately 1.25 A average rectified current.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Tunsgram

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

195X TUNSGRAM

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	5 V	Nominal
HeaterCurrentNominal	5 A	Nominal
Maximum Peak Inverse Voltage	6000 V	—
Rectified Output Current	1.25 A	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker