



ELECTRONIC TUBE REFERENCE

RG3250A

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Directly heated RG3-250A half-wave rectifier for high-voltage conversion. Its heavy filament provides multiampere output at multi-kilovolt voltage.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	2.5 V / 5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	10000 V
NOMINAL OUTPUT CURRENT	3 A
PEAK FORWARD CURRENT	3 A
<i>Gas-discharge device.</i>	

Half-wave rectifier RG3-250A; the approved sheet contains mechanical data and a heating/cooling characteristic rather than the full electrical ratings table. Documented sparse-source exception: this approved PDF does not reproduce the ordinary ratings/characteristics tables; no external values imported.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 Mullard Industrial Rectifiers

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

1962 MULLARD INDUSTRIAL RECTIFIERS

Section 1 · Rectifier

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Average Cathode Current Used on Heating Curve	400 mA	HeatingCoolingCurve



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1971 Mullard Gas Filled Tubes

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

1971 MULLARD GAS FILLED TUBES

Section 1 · Rectifier

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum peak inverse anode voltage	10 kV	—
Maximum average cathode current	3 A	—
Maximum peak cathode current	1 A	—
Maximum surge cathode current	1 A	Fault protection
Heater/filament voltage	2.5 V	—
Heater/filament current	5 A	—

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

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