



ELECTRONIC TUBE REFERENCE

6763

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Rugged instant-starting cold-cathode gas rectifier for high-voltage, low-current mobile and aircraft supplies. Heaterless operation and strengthened construction suit demanding portable equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
MAXIMUM CATHODE CURRENT	12 mA
PEAK INVERSE VOLTAGE	2800 V
NOMINAL OUTPUT CURRENT	12 mA
PEAK FORWARD CURRENT	100 mA
FORWARD VOLTAGE DROP	85 V
<i>Published maximum ratings and typical characteristics promoted from the approved source; identical repeated sections compressed where applicable.</i>	

Rugged instant-starting cold-cathode gas rectifier for high-voltage low-current mobile and aircraft power supplies.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 Raytheon

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

1938 RAYTHEON

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Cathode Current	12 mA	—
Maximum Peak Inverse Voltage	2800 V	—
Rectified Output Current	12 mA	—
PeakForwardCurrent	100 mA	—
MaximumAnodeSupplyVoltageRMS	1200 V	—
MinimumAnodeSupplyVoltageRMS	500 V	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
TypicalTubeDrop	85 V	At 12 mA load

TUBE TINKER

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and their source documents.

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