



ELECTRONIC TUBE REFERENCE

6436

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Instant-starting cold-cathode gas-filled subminiature half-wave rectifier for vibrator supplies exposed to high transient voltages, requiring no heater supply.

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	0.1 mA
PEAK INVERSE VOLTAGE	1500 V
NOMINAL OUTPUT CURRENT	0.1 mA
PEAK FORWARD CURRENT	10 mA
<i>Published ratings and characteristics promoted where clearly stated; identical repeated sections compressed where applicable.</i>	

Instant-starting cold-cathode gas-filled subminiature half-wave rectifier for vibrator supplies with high transient voltages.

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
Peak inverse voltage	1500 V	Published rectifier rating
Average/DC output current	0.1 mA	Published rectifier rating
Peak forward current	10 mA	Published steady-state peak rating

TUBE TINKER

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and their source documents.

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