ELECTRONIC TUBE REFERENCE

1D5

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
RECTIFIER

Indirectly heated half-wave rectifier for universal-receiver power supplies. Its four-volt heater and moderate output capability suit compact mains-operated radio equipment.

General characteristics

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

Section ratings

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	700 V
NOMINAL OUTPUT CURRENT	100 mA
MAXIMUM HEATER-CATHODE VOLTAGE	350 V

Published ratings and characteristics promoted semantically from source; repeated identical physical sections compressed where applicable.

Indirectly heated rectifier for universal-receiver power-supply service.

SOURCE OPERATING CONDITIONS

1948 Brimar Radio Valve Manual

SOURCE PDF

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

1948 BRIMAR RADIO VALVE MANUAL

Section 1 · Rectifier

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Service	**Universal-receiver rectifier**	—

SOURCE DATA APPENDIX

SOURCE OPERATING CONDITIONS

1958 Brimar Radio Valve No 7

SOURCE PDF

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

1958 BRIMAR RADIO VALVE NO 7

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RMS Input	**250 V**	—
Series Anode Limiting Resistor	**50 ohm**	—
Peak Inverse Voltage	**700 V**	—
Rectified Current	**100 mA**	—
Heater-Cathode Potential	**350 V**	—
Reservoir Capacitor	**16 uF**	—

Tube Tinker

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

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