ELECTRONIC TUBE REFERENCE

7C4

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
RECTIFIER-RECTIFIER

High-frequency dual-diode tube with published rectifier-service ratings. Its compact construction supports low-current rectification, though available source data do not justify a narrower specialized functional assignment.

General characteristics

BASE DESIGNATION	4AH	**BASE PINS**	8
NOMINAL HEATER	6.3 V / 150 mA	**PARALLEL HEATER**	— / —
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Rectifier

NOMINAL OUTPUT CURRENT	5 mA
FORWARD VOLTAGE DROP	11 V

Promoted from printed maximum/characteristic columns; additional published values are retained in TUBE_SECTION_PARAMETER.

SECTION2 Rectifier

NOMINAL OUTPUT CURRENT	5 mA
FORWARD VOLTAGE DROP	11 V

Second physical rectifier section; electrical properties populated from corresponding identical section.

High-frequency diode with published half-wave rectifier service ratings.

SOURCE OPERATING CONDITIONS

SOURCE PDF

195X General Electric Essential Characteristics

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

195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

Section 1 · Rectifier

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Tube voltage drop	**11 V**	At10mADC

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
DC output current maximum	**5 mA**	HalfWave
RMS supply voltage maximum	**117 V**	HalfWave

195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

Section 2 · Rectifier

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Tube voltage drop	**11 V**	At10mADC

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
DC output current maximum	**5 mA**	HalfWave
RMS supply voltage maximum	**117 V**	HalfWave

TUBE TINKER

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