



ELECTRONIC TUBE REFERENCE

UR3C

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Indirectly heated full-wave rectifier with two diode sections and a 200 mA series heater for transformerless AC/DC amplifiers and receivers.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	30 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
NOMINAL OUTPUT CURRENT	120 mA
MAXIMUM HEATER-CATHODE VOLTAGE	350 V
WARM-UP TIME	75 s
<i>Promoted values are mapped from the supplied datasheet; additional published ratings, characteristics, capacitances and operating points are retained in TUBE_SECTION_PARAMETER.</i>	

SECTION2 Rectifier	
NOMINAL OUTPUT CURRENT	120 mA
MAXIMUM HEATER-CATHODE VOLTAGE	350 V
WARM-UP TIME	75 s
<i>Second physical rectifier section; electrical properties populated from applicable published ratings.</i>	

Indirectly heated full-wave rectifier with two diode sections and a 200 mA series heater for AC/DC amplifiers and receivers.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Mullard

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

1963 MULLARD

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RMS anode voltage per plate maximum	250 V	FullWave;2x250V
Rectified current maximum	120 mA	FullWave
Heater-to-cathode voltage maximum	350 V	—
Reservoir capacitance	8 uF	SeriesResistancePerAnode=50Ohm
Reservoir capacitance	16 uF	SeriesResistancePerAnode=75Ohm
Reservoir capacitance	32 uF	SeriesResistancePerAnode=125Ohm

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heating time	75 s	—

1963 MULLARD

Section 2 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RMS anode voltage per plate maximum	250 V	FullWave;2x250V
Rectified current maximum	120 mA	FullWave
Heater-to-cathode voltage maximum	350 V	—
Reservoir capacitance	8 uF	SeriesResistancePerAnode=50Ohm
Reservoir capacitance	16 uF	SeriesResistancePerAnode=75Ohm
Reservoir capacitance	32 uF	SeriesResistancePerAnode=125Ohm

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heating time	75 s	—

TUBE TINKER

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and their source documents.

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