



ELECTRONIC TUBE REFERENCE

UY1NS

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Indirectly heated half-wave vacuum rectifier for universal receivers with series-connected heaters. Its 50 V heater provides conventional transformerless power conversion.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	50 V / 100 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	800 V
NOMINAL OUTPUT CURRENT	140 mA
<i>Published ratings and characteristics promoted from the approved source.</i>	

Indirectly heated half-wave vacuum rectifier for universal receivers using series-connected heaters; characteristics correspond closely to UY1N.



SOURCE OPERATING CONDITIONS

SOURCE PDF

195X Tesla

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

195X TESLA
Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	50 V	Nominal
HeaterCurrentNominal	100 mA	Nominal
Maximum Peak Inverse Voltage	800 V	Rectifier
Rectified Output Current	140 mA	Rectifier

TUBE TINKER

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