



ELECTRONIC TUBE REFERENCE

CONSOLIDATED TECHNICAL DATA

UA1B

1 SECTION
CONSTRUCTION
RECTIFIER

Rectifier - Half Wave electronic tube

Half-wave rectifier for electronic power-supply service, with manufacturer documentation defining its voltage, current, and intended operating conditions.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Rectifier	
MAXIMUM PLATE VOLTAGE	8000 V
MAXIMUM CATHODE CURRENT	1 A
PEAK INVERSE VOLTAGE	9000 V
NOMINAL OUTPUT CURRENT	1 A
PEAK FORWARD CURRENT	5 A
Semantically matched promoted fields only.	

Mercury-vapor directly heated rectifier diode for high-voltage rectifier service, delivering up to 1 A rectified current.



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

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	HighVoltageRectifier text	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1966 Tesla Tubes

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

1966 TESLA TUBES

Section 1 · Rectifier

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
U _f	4 V	—
I _f	8–12 V	—
U _a max.	8 kV	—
max.	9 kV	—
Published value	1 a	—
I _a max.	1 A	—
I _a sp max.	5 A	—

TUBE TINKER

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

