

ELECTRONIC TUBE REFERENCE

UA3A

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Directly heated mercury-vapor half-wave rectifier for high-voltage transmitter supplies, providing approximately 3 A average rectified current.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 8.5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
MAXIMUM PLATE VOLTAGE	11000 V
MAXIMUM CATHODE CURRENT	1 A
PEAK INVERSE VOLTAGE	12000 V
NOMINAL OUTPUT CURRENT	3 A
PEAK FORWARD CURRENT	15 A
Semantically matched promoted fields only.	

Mercury-vapor directly heated rectifier diode for high-voltage transmitter power supplies, delivering up to 3 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
Uf	5 V	—
If	12.5 A–14.5 A	—
Ua max.	11 kV	—
max.	12 kV	—
Published value	1 a	—
Ia max.	3 A	—

TUBE TINKER

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