



ELECTRONIC TUBE REFERENCE

3A2

Rectifier - TV Line Scan Boost electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

High-voltage pulse rectifier diode for television scanning circuits. It converts flyback pulses into the high DC accelerating voltage required by the picture tube.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	3.15 V / 220 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	18000 V
NOMINAL OUTPUT CURRENT	1.5 mA
PEAK FORWARD CURRENT	80 mA
<i>Pulsed rectifier service.</i>	

High-voltage pulse rectifier diode for television scanning circuits.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Tung Sol

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

1961 TUNG SOL

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak inverse plate voltage	18000 V	PulsedRectifier
Peak plate current	80 mA	PulsedRectifier
Average plate current	1.5 mA	PulsedRectifier

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate to heater cathode and internal shield	1 pF	—

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1966 Tung Sol Electronic Tubes 1 of 4

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

1966 TUNG SOL ELECTRONIC TUBES 1 OF 4

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HEATER VOLTAGE	3.15 V	Maximum Ratings HEATER VOLTAGE 3.15 VOLTS
MAXIMUM AVERAGE PLATE CURRENT	1.5 mA	Maximum Ratings MAXIMUM AVERAGE PLATE CURRENT 1.5 MA.

TUBE TINKER

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

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