



ELECTRONIC TUBE REFERENCE

36AM3

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Indirectly heated half-wave rectifier with a tapped 36 V heater for series-string television power supplies. Its controlled heater arrangement also supports panel-lamp operation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	7-pin miniature	BASE PINS	7
NOMINAL HEATER	36 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	365 V
NOMINAL OUTPUT CURRENT	82 mA
PEAK FORWARD CURRENT	530 mA
FORWARD VOLTAGE DROP	20 V
MAXIMUM HEATER-CATHODE VOLTAGE	350 V
<i>20 V drop at 150 mA.</i>	

Half-wave rectifier with a 100 mA tapped heater for series-string television service. It uses a nominal 36 V, 0.1 A heater. The supplied datasheet was used for ratings, characteristics, and typical operating data.

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
AC plate supply voltage RMS	117 V	CapacitorInputFilter
DC output current	75 mA	CapacitorInputFilter
DC output voltage	105 V	CapacitorInputFilter
Input capacitor	40 uF	CapacitorInputFilter

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1966 Tung Sol Electronic Tubes 3 of 4

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

1966 TUNG SOL ELECTRONIC TUBES 3 OF 4

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RectifierMaximumPeakInverseVoltage	365 V	Published datasheet value
RectifierNominalOutputCurrent	82 mA	Published datasheet value
RectifierPeakForwardCurrent	530 mA	Published datasheet value
Heater Voltage	36 V	Nominal heater rating
Heater Current	100 mA	Nominal heater rating
Heater Tap Voltage	32 V	Pins3And6
DC Output Current	75 mA	CapacitorInputFilter
DC Output Voltage	105 V	CapacitorInputFilter

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
AC Plate Supply Voltage RMS	117 V	CapacitorInputFilter
Filter Input Capacitor	40 uF	CapacitorInputFilter
DC Output Voltage	105 V	CapacitorInputFilter