



ELECTRONIC TUBE REFERENCE

ED500

Triode - HV Shunt Regulator electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

High-voltage shunt-regulator triode designed specifically to stabilize color-television extra-high-tension supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 350 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
MAXIMUM PLATE VOLTAGE	25000 V
MAXIMUM PLATE DISSIPATION	30 W
MAXIMUM CATHODE CURRENT	1.5 mA
<i>Published maximum ratings and typical characteristics promoted from the approved source.</i>	

High-voltage shunt-regulator triode for color-television extra-high-tension stabilization.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 Mazda Belvu

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

1968 MAZDA BELVU

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	6.3 V	Nominal
HeaterCurrentNominal	400 mA	Nominal
Maximum Plate Voltage	25000 V	—
Maximum Plate Dissipation	30 W	—
Maximum Cathode Current	1.5 mA	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1972 Philips Receiving Tubes

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

1972 PHILIPS RECEIVING TUBES

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	6.3 V	Nominal
HeaterCurrentNominal	350 mA	Nominal
Maximum Plate Voltage	25000 V	—
Maximum Plate Dissipation	30 W	—
Maximum Cathode Current	1.5 mA	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips E-Z

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

1999 PHILIPS E-Z

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage Vs	6.3 V	Published datasheet value
Heater current If	350 mA	Published datasheet value

TUBE TINKER

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and their source documents.

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