



ELECTRONIC TUBE REFERENCE

PC95

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Variable-transconductance VHF triode with low anode-grid capacitance for television-tuner RF amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	MINIATURE	BASE PINS	—
NOMINAL HEATER	3.7 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	7619 Ω
TRANSCONDUCTANCE	0.0105 S
AMPLIFICATION FACTOR	80
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	2.2 W
MAXIMUM CATHODE CURRENT	20 mA

Variable-transconductance VHF triode with low anode-grid capacitance for television tuners. The supplied Philips source was read for heater/filament data, ratings, characteristics, RF/television operating conditions, and capacitances where published.

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

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical plate voltage	200 V	—
Typical grid voltage	-2 V	—
Typical plate current	10 mA	—
Transconductance	10500 μ S	—
Amplification factor	80	—
Plate resistance	7619 ohm	—
Controlled transconductance	500 μ S	GridVoltage=-3.8V
Controlled transconductance	100 μ S	GridVoltage=-5.7V

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode-grid capacitance	0.38 pF	—
Grid capacitance	4.4 pF	—
Anode capacitance	3 pF	—
Anode-cathode capacitance	0.24 pF	—
Grid-cathode capacitance	3.1 pF	—
Cathode-heater capacitance	2.8 pF	—