



ELECTRONIC TUBE REFERENCE

PC92

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

High-frequency triode for UHF/VHF amplification, oscillator, mixer, or microwave signal service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	MINIATURE 7P	BASE PINS	–
NOMINAL HEATER	3.1 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	9306 Ω
TRANSCONDUCTANCE	0.0072 S
AMPLIFICATION FACTOR	67
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	2.5 W
MAXIMUM CATHODE CURRENT	15 mA
Published ratings and characteristics promoted from the approved English source.	

HF triode for amplifier, oscillator, mixer and television deflection-circuit service.



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

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	HF_Amplifier_Oscillator_Mixer_TVDeflection text	—



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	-0.9 V	—
Typical plate current	12 mA	—
Transconductance	7200 μ S	—
Amplification factor	67	—
Plate resistance	9306 ohm	—
Equivalent noise resistance	500 ohm	—

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input grounded-cathode capacitance	2.8 pF	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Output grounded-cathode capacitance	0.55 pF	—
Anode-grid capacitance	1.8 pF	—
Anode-cathode capacitance	0.24 pF	—
Cathode-heater capacitance	2 pF	—
Grid-heater capacitance	0.15 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum peak cathode current	150 mA	PulseDuration<=0.2ms;Duty<=1%
Blocking-oscillator design cathode peak current	100 mA	PulseDuration<=0.8ms;Duty<=4%