

ELECTRONIC TUBE REFERENCE

CC2

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

All-current indirectly heated triode electrically corresponding to the AC2 family, intended for general amplifier service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	13 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	12000 Ω
TRANSCONDUCTANCE	0.0025 S
AMPLIFICATION FACTOR	30
MAXIMUM PLATE VOLTAGE	550 V
MAXIMUM PLATE DISSIPATION	2 W
MAXIMUM CATHODE CURRENT	10 mA
General-purpose triode; promoted values from nominal and apparatus-builder data.	

All-current indirectly heated triode, electrically corresponding to the AC2 family for general amplifier service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 Philips Miniwatt Vacuum Tube Catalog

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

1938 PHILIPS MINIWATT VACUUM TUBE CATALOG

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	200 V	Published table operating point
Plate current	6 mA	Published table operating point
Control-grid bias	1.5 V	Published table operating point
Alternate plate voltage	100 V	OperatingPoint2
Alternate plate current	2 mA	OperatingPoint2
Alternate control-grid bias	1.5 V	OperatingPoint2

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	2500000 μ S	Published table characteristic
Amplification factor	30	Published table characteristic
Plate resistance	12000 ohm	Published table characteristic
Heater/filament voltage	13 V	Published heater/filament rating
Heater/filament current	200 mA	Published heater/filament rating
Alternate transconductance	1800 μ S	OperatingPoint2
Alternate amplification factor	30	OperatingPoint2
Alternate plate resistance	16000 ohm	OperatingPoint2

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-to-plate capacitance	1.7 pF	Published table capacitance



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Tunsgram

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

195X TUNSGRAM

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical plate voltage	250 V	—
Typical plate current	6 mA	—
Typical grid voltage	-5.5 V	—
Maximum no-current anode voltage	550 V	—
Maximum heater-cathode voltage	125 V	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips 0-D

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

1999 PHILIPS 0-D

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical plate current	6 mA	V _a =200V
Grid bias	-4 V	V _a =200V

TUBE TINKER

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

