



ELECTRONIC TUBE REFERENCE

CONSOLIDATED TECHNICAL DATA

E

1 SECTION
CONSTRUCTION
TRIODE

Voltage - Triode (single) electronic tube

Philips high-vacuum receiving triode for detector, RF/AF amplification, and low-power output service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	A	BASE PINS	4
NOMINAL HEATER	4 V / 700 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	25000 Ω
TRANSCONDUCTANCE	0.0004 S
AMPLIFICATION FACTOR	10
MAXIMUM PLATE VOLTAGE	200 V
Published section data promoted where applicable.	

Philips high-vacuum receiving triode for detector, RF/AF amplification, and output service. The record captures the published heater data, principal electrical characteristics, ratings, and other section-specific values from the supplied datasheet.

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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anodespanning V=	50 V	Published datasheet value
Maximum plate voltage	200 V	Promoted published datasheet value

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate resistance	25000 Ω	Promoted published datasheet value
Transconductance	400 μS	Promoted published datasheet value
Amplification factor	10	Promoted published datasheet value

TUBE TINKER

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and their source documents.

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