



ELECTRONIC TUBE REFERENCE

4678

Tuning Indicator electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TUNING INDICATOR

Visual tuning indicator combining a triode amplifier with a fluorescent cathode-ray display whose luminous pattern varies with tuning-control voltage.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	100000 Ω
TRANSCONDUCTANCE	0.00065 S
AMPLIFICATION FACTOR	65
MAXIMUM PLATE VOLTAGE	350 V
Representative active triode section; cathode-ray indicator values retained as parameters.	

SECTION 2 Tuning Indicator	
No fixed ratings recorded.	

A visual tuning indicator combining a triode amplifier with a fluorescent cathode-ray display whose luminous pattern changes with tuning-control voltage.

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
Supply voltage	250 V	—
Triode anode load resistance	2 MΩ	—

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Triode anode current	120 μA	V _g =0V
Triode anode current	30 μA	V _g =-4V
Indicator screen current	0.28 mA	V _g =0V
Indicator screen current	0.26 mA	V _g =-4V

TUBE TINKER

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and their source documents.

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