



ELECTRONIC TUBE REFERENCE

KE50

Voltage Tetrode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TETRODE

Screen-grid tetrode intended for general receiving, amplification, detection, or special-purpose service as documented by the manufacturer.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 60 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
PLATE RESISTANCE	650000 Ω
TRANSCONDUCTANCE	0.00043 S
MAXIMUM PLATE VOLTAGE	120 V
MAXIMUM SCREEN VOLTAGE	60 V
Miniature directly heated tetrode for compact battery equipment	

Miniature directly heated tetrode for compact battery equipment. The supplied Philips datasheet provides operating characteristics, limiting values, capacitances, and application information; non-English material is represented in English in the descriptive output.

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 · Tetrode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
IC	60 mA	—
Vam	120 V	—
6 i)	6 A	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Vgl 45	60 V	—
I. 0,8	1.5 mA	—
Vgl 2,0	-2.7 V	—
S 0,43	0.58 mA/V	—