



ELECTRONIC TUBE REFERENCE

KTZ41

Voltage Tetrode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TETRODE

High-slope high-frequency tetrode for wide-band amplification, particularly in television receivers requiring substantial RF or video-frequency gain.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 1 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
PLATE RESISTANCE	1000000 Ω
TRANSCONDUCTANCE	0.012 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	250 V
Promoted values mapped from printed rating/approximate-data tables; additional operating points and capacitances retained as parameters.	

High-slope HF tetrode for wide-band amplification, particularly television receivers.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1955 Marconi

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

1955 MARCONI

Section 1 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-Anode Capacitance	0.008 pF	—
Anode-Cathode Capacitance	10.5 pF	—
Grid-Cathode Capacitance	14 pF	—
Typical Anode Voltage	250 V	—
Typical Screen Voltage	250 V	—
Typical Grid Bias	-2.5 V	—
Typical Plate Resistance	1 Mohm	—