



ELECTRONIC TUBE REFERENCE

KT63

Power - Tetrode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TETRODE

Output power tetrode designed for receiver audio stages, providing efficient Class-A or Class-AB power amplification from typical receiving-equipment supply voltages.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.3 V / 700 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
MAXIMUM PLATE VOLTAGE	250 V
<i>Promoted values mapped from printed rating/approximate-data tables; additional operating points and capacitances retained as parameters.</i>	

Output tetrode for AC receivers where medium audio power and high efficiency are required.

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	0.8 pF	—
Grid-Cathode Capacitance	9.8 pF	—
Anode-Cathode Capacitance	9 pF	—
Single-Valve Class-A Anode Voltage	250 V	ClassA
Single-Valve Class-A Screen Voltage	250 V	ClassA
Single-Valve Class-A Anode Current	34 mA	ClassA
Single-Valve Class-A Screen Current	5.5 mA	ClassA
Single-Valve Class-A Output Power	3 W	ClassA
Optimum Load	7000 ohm	ClassA
Push-Pull Class-AB1 Output Power	6 W	ClassAB;PushPull;TwoTubes
Triode-Connected Transconductance	0.0024 A/V	—
Triode-Connected Plate Resistance	3200 ohm	—