



ELECTRONIC TUBE REFERENCE

KT33

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	25 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
TRANSCONDUCTANCE	0.01 S
MAXIMUM PLATE VOLTAGE	200 V
MAXIMUM SCREEN VOLTAGE	200 V

Output tetrode for AC/DC apparatus with supplies below 200 V.

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

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/Filament Voltage	25 V	—
Heater/Filament Current	300 mA	—
Transconductance	10000 μ S	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum/Published Anode Voltage	200 V	—
Maximum/Published Screen Voltage	200 V	—
Maximum Published Power Output	5 W	Two-valve service where applicable
Single-Valve Output	5 W	200 V plate/screen

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-Anode Capacitance	1.2 pF	—
Anode-Cathode Capacitance	11.5 pF	—
Grid-Cathode Capacitance	18.5 pF	—