



ELECTRONIC TUBE REFERENCE

VS24

Voltage Tetrode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TETRODE

Two-volt variable-mu screen-grid valve for RF or IF gain control in battery receivers, providing high maximum mutual conductance and low cross-modulation distortion.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	2 V / 150 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
TRANSCONDUCTANCE	0.0015 S
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM SCREEN VOLTAGE	75 V
<i>Published ratings and characteristics promoted from the approved datasheet.</i>	

A 2-volt variable-mu screen-grid valve designed for H.F. or I.F. gain control by grid bias, with high maximum mutual conductance and low cross-modulation distortion.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1937 Osram Valves

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

1937 OSRAM VALVES

Section 1 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	2 V	Published datasheet value
Heater Current	150 mA	Published datasheet value
Anode Voltage Maximum	150 V	Published datasheet value
Screen Voltage Maximum	75 V	Published datasheet value

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Mutual Conductance	1500 μS	Published datasheet value