

ELECTRONIC TUBE REFERENCE

VP21

Voltage Pentode - Remote Cutoff (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
PENTODE

Two-volt variable-mu pentode for detector and intermediate-frequency amplifier service. Grid-bias gain control and controlled cutoff make it fundamentally a remote-cutoff receiver amplifier despite its supported detector application.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	2 V / 100 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
TRANSCONDUCTANCE	0.0011 S
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM SCREEN VOLTAGE	100 V
Published ratings and characteristics promoted from the approved datasheet.	

A 2-volt variable-mu pentode suited to detector service and intermediate-frequency amplification, with non-microphonic construction and grid-bias volume control.

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 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	2 V	Published datasheet value
Heater Current	100 mA	Published datasheet value
Anode Voltage Maximum	150 V	Published datasheet value
Screen Voltage Maximum	60 V	Published datasheet value

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Mutual Conductance	1100 μ S	Published datasheet value