ELECTRONIC TUBE REFERENCE

6ZH45BV

Voltage - Pentode High Frequency (single) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
PENTODE

Russian indirectly heated voltage-amplifier pentode; typical anode 50 V, 5 mA; printed transconductance 5.4 Ma/V.

General characteristics

BASE DESIGNATION	_	**BASE PINS**	_
NOMINAL HEATER	6.3 V / 125 mA	**PARALLEL HEATER**	– / –
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION0 Pentode

No fixed ratings recorded.

Typical anode 50 V, current 0.005 A, datasheet anode power 0.5 W (not promoted as maximum); printed transconductance 5.4 Ma/V, units require validation.

SOURCE OPERATING CONDITIONS

2026 Russian Receiving

SOURCE PDF

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

2026 RUSSIAN RECEIVING

Section 0 · Pentode

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Plate Voltage	**50 V**	Typical anode voltage
5.5	**5 mA**	Typical anode current
8750	**50 V**	Typical screen voltage

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Heater/filament voltage	**6.3 V**	Heater voltage
Heater/filament current	**125 mA**	Heater current

Tube Tinker

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