ELECTRONIC TUBE REFERENCE

6ZH31BK

Voltage - Pentode High Frequency (single) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
PENTODE

Russian indirectly heated voltage-amplifier pentode; typical anode 120 V, 8 mA; printed transconductance 5 Ma/V.

General characteristics

BASE DESIGNATION	—	**BASE PINS**	—
NOMINAL HEATER	6.3 V / 200 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 120 V, current 0.008 A, datasheet anode power 1.32 W (not promoted as maximum); printed transconductance 5 Ma/V, units require validation.

SOURCE OPERATING CONDITIONS

SOURCE PDF

2026 Russian Receiving

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	**120 V**	Typical anode voltage
5.5	**8 mA**	Typical anode current
8750	**120 V**	Typical screen voltage

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	**6.3 V**	Heater voltage
Heater/filament current	**200 mA**	Heater current

Tube Tinker

An independent reference for electronic tubes, vacuum tubes, and their source documents.

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