



ELECTRONIC TUBE REFERENCE

6ZH1P

Voltage - Pentode High Frequency (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

The 6ZH1P is a Russian miniature high-frequency pentode designed for wideband RF voltage amplification. Operating from a 6.3-volt heater supply, it combines approximately 5.2 mA/V transconductance with compact construction for receiving, communications, and general signal-amplifier applications.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 170 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
TRANSCONDUCTANCE	0.0052 S
MAXIMUM PLATE DISSIPATION	1.8 W



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 1 · Pentode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	120 V	—
Screen Voltage	120 V	—
Plate Current	7 mA	—

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