

ELECTRONIC TUBE REFERENCE

6P14PEV

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
PENTODE

Russian high-reliability variant of the 6P14P miniature output pentode for low-frequency amplifier stages. It retains the audio power-output function with enhanced service-oriented construction.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	6.3 V / 760 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
TRANSCONDUCTANCE	0.0113 S
MAXIMUM PLATE VOLTAGE	500 V
MAXIMUM SCREEN VOLTAGE	500 V
MAXIMUM PLATE DISSIPATION	14 W
MAXIMUM SCREEN DISSIPATION	2 W
Published ratings and characteristics promoted from the approved source.	

Russian miniature output pentode for low-frequency amplifier output stages.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

2026 Electro Harmonix

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

2026 ELECTRO HARMONIX

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Current	48 mA	Plate 250 V; Screen 250 V
Power Output	4.3 W	Load 5.2 kohm; ClassA;OneTube



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

2026 Sovtek

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

2026 SOVTEK

Section 1 · Pentode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Current	40–56 mA	Plate 250 V; Screen 250 V

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Power Output	4.3 W	Load 5.2 kohm; ClassA;OneTube

TUBE TINKER

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