ELECTRONIC TUBE REFERENCE

1EE1P

Voltage - Tetrode electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TETRODE

> Russian directly heated electrometric tetrode for very-low-current measurements.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	–
NOMINAL HEATER	1 V / 46 mA	**PARALLEL HEATER**	– / –
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Tetrode

AMPLIFICATION FACTOR	1.3

Russian 1EE1P directly heated oxide-cathode electrometer tetrode for very-low-current measurement: 1.0 V, 46 mA nominal filament (40–52 mA range), source amplification figure 1.3. Typical anode 6 V, control grid -3 V and screen grid 4 V are operating points, not absolute maxima. Derived Russian reference prints transconductance 50 mA/V (35–65 range), implausible unit for electrometric operation; intrinsic gm deliberately remains NULL pending primary manufacturer unit verification. One tetrode physical section; section index standardized from 0 to 1.

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 1 · Tetrode

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	**50 mA/V (datasheet printed; unit not verified) mA/V**	Source states 50 mA/V, range 35–65; retain literal without SI reinterpretation

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	**6 V**	Typical anode voltage
Heater/filament voltage	**1 V**	Filament nominal voltage
Heater/filament current	**46 mA**	Filament current nominal; min 0.040, max 0.052 A

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	**6 V**	Typical anode voltage

Tube Tinker

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