



ELECTRONIC TUBE REFERENCE

6H30PIEH

Power - Triode Single (under 10W) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

Russian high-current twin triode in a reliability-qualified version, combining low plate resistance and high transconductance for broadband amplifier and demanding electronic applications.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	6.3 V / 810 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.018 S
AMPLIFICATION FACTOR	15
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	4 W
MAXIMUM CATHODE CURRENT	100 mA
Representative section for two electrically identical triodes.	

SECTION2 Triode	
TRANSCONDUCTANCE	0.018 S
AMPLIFICATION FACTOR	15
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	4 W
MAXIMUM CATHODE CURRENT	100 mA
Second identical physical triode section; added to align rows with SectionCount.	

High-current miniature twin triode with equipotential cathodes for low-frequency voltage amplification.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

2026 Electro Harmonix Gold

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

2026 ELECTRO HARMONIX GOLD

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Current	30–50 mA	Plate 80 V; Cathode resistor 56 ohm

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
CathodeHeaterVoltageMaximum	400 V	—

TUBE TINKER

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and their source documents.

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