



ELECTRONIC TUBE REFERENCE

P2

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Receiving triode for amplification, detection, oscillator, or general electronic service as documented by the manufacturer.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	2150 Ω
TRANSCONDUCTANCE	0.0035 S
AMPLIFICATION FACTOR	7.5
MAXIMUM PLATE VOLTAGE	150 V
Published ratings/characteristics promoted from the approved datasheet where legible.	

OSRAM P2 triode for amplification, detection, or power-output service as specified in the supplied datasheet.

SOURCE OPERATING CONDITIONS

193X Osram

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

193X OSRAM

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament/heater voltage	2 V	—
Filament/heater current	200 mA	—
Amplification factor	2	—
Plate impedance	3900 ohm	—
Mutual conductance	3850 uS	—
Amplification factor	7.5	—
Plate impedance	2150 ohm	—
Mutual conductance	3500 uS	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum anode voltage	150 V	—
Optimum load	3760 ohm	—

TUBE TINKER

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and their source documents.

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