



ELECTRONIC TUBE REFERENCE

30A

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

High-gain directly heated triode for driver and preamplifier service in audio and general electronic equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	UX4	BASE PINS	4
NOMINAL HEATER	5 V / 1.4 A	PARALLEL HEATER	– / –
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	6200 Ω
TRANSCONDUCTANCE	0.0052 S
AMPLIFICATION FACTOR	32
MAXIMUM PLATE VOLTAGE	500 V
MAXIMUM PLATE DISSIPATION	11 W
MAXIMUM CATHODE CURRENT	40 mA

High-gain directly heated driver/pre-amplifier triode. The supplied Emission Labs sheet was read for filament data, maximum ratings, representative operating points, gm/rp/mu, output conditions, capacitances, and rectifier filter conditions as applicable.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

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

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Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament voltage	5 V	—
Filament current	1.4 A	—
Factory test plate voltage	400 V	—
Factory test plate current	25 mA	—
Factory test grid voltage	-8.1 V	—
Plate resistance	6200 ohm	—
Amplification factor	32	—
Transconductance	5200 uS	—
Unloaded amplification factor	32	—