



ELECTRONIC TUBE REFERENCE

20A

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Mesh-plate medium-gain directly heated driver triode for signal or driver amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	UX4	BASE PINS	–
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	3700 Ω
TRANSCONDUCTANCE	0.0042 S
AMPLIFICATION FACTOR	21
MAXIMUM PLATE VOLTAGE	490 V
MAXIMUM PLATE DISSIPATION	11 W
MAXIMUM CATHODE CURRENT	40 mA

Mesh-plate medium-gain directly heated driver 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	-7.4 V	—
Plate resistance	3700 ohm	—
Amplification factor	21	—
Transconductance	4200 uS	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Driver output voltage	60 V RMS	PlateVoltage=350V;PlateCurrent=10mA

TUBE TINKER

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and their source documents.

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