



ELECTRONIC TUBE REFERENCE

304TL

Power - Triode (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Low-mu transmitting power triode for amplifier, oscillator, and modulator service at relatively low plate voltage.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	10 V / 12.5 A	PARALLEL HEATER	5 V / 25 A
HEATING	Direct	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.0167 S
AMPLIFICATION FACTOR	12
MAXIMUM PLATE VOLTAGE	3000 V
MAXIMUM PLATE DISSIPATION	300 W
MAXIMUM GRID DISSIPATION	50 W

The EIMAC 304TL is a low-mu transmitting power triode for amplifier, oscillator, and modulator service at low plate voltage.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 Eimac

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

1962 EIMAC

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency for Maximum Ratings	40 MHz	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum DC Plate Current	900 mA	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-Plate Capacitance	8.6 pF	—
Grid-Filament Capacitance	12.1 pF	—
Plate-Filament Capacitance	0.8 pF	—

TUBE TINKER

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