

ELECTRONIC TUBE REFERENCE

7334

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

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

High-power triode for specialized electronic service. Available source material does not establish a narrower application confidently.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6 V / 60 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
AMPLIFICATION FACTOR	125
MAXIMUM PLATE VOLTAGE	25000 V
MAXIMUM PLATE DISSIPATION	5000 W
MAXIMUM GRID DISSIPATION	75 W
MAXIMUM CATHODE CURRENT	75 A
Applicable promoted ratings populated from printed headings; remaining published device-specific data retained as parameters.	

Shielded-grid high-duty pulse-switch triode; liquid-cooled anode.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1971 Machlette Laboratories

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

1971 MACHLETTE LABORATORIES

Section 1 · Triode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-Plate Capacitance	5 pF	—
Grid-Cathode Capacitance	250 pF	—
Plate-Cathode Capacitance	50 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak Plate Voltage	25000 V	Pulse
DC Grid Voltage	-300 V	—
Peak Positive Grid Voltage	1000 V	—
Peak Negative Grid Voltage	-1000 V	—
DC Plate Current	200 mA	—
Pulse Duration	25 us	—
Duty Factor	0.03	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker