



ELECTRONIC TUBE REFERENCE

7482

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

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Very-high-power vapor-cooled general-purpose triode rated for 200-kW plate dissipation, with published X-ray precautions.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	14.5 V / 450 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
AMPLIFICATION FACTOR	45
MAXIMUM PLATE VOLTAGE	20000 V
MAXIMUM PLATE DISSIPATION	200000 W
MAXIMUM GRID DISSIPATION	3000 W
<i>Applicable promoted ratings populated from printed headings; remaining published device-specific data retained as parameters.</i>	

Very-high-power vapor-cooled general-purpose triode rated for 200 kW plate dissipation.

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	75 pF	—
Grid-Filament Capacitance	200 pF	—
Plate-Filament Capacitance	4 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament Starting Current	1200 A	—
Maximum DC Plate Current	30 A	—