ELECTRONIC TUBE REFERENCE

6426

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

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

> Very-high-power triode for industrial RF heating, AM broadcasting, and pulse-modulation service.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	–
NOMINAL HEATER	7 V / 200 A	**PARALLEL HEATER**	– / –
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Triode

AMPLIFICATION FACTOR	20
MAXIMUM PLATE VOLTAGE	12500 V
MAXIMUM PLATE DISSIPATION	40000 W
MAXIMUM CATHODE CURRENT	12.4 A

Maximum ratings and general characteristics promoted from the printed service tables.

> The Machlett 6426 is a high-power general-purpose triode for industrial heating, am broadcasting and pulse modulation.

SOURCE OPERATING CONDITIONS

1971 Machlette Laboratories

SOURCE PDF

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

1971 MACHLETTE LABORATORIES

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Amplification factor	**20**	—

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Maximum DC plate voltage	**12500 V**	—
Maximum plate dissipation	**40000 W**	—
Maximum plate/cathode current	**12.4 A**	—

Tube Tinker

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

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