



ELECTRONIC TUBE REFERENCE

T20001

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

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Radiation-cooled transmitting and industrial power triode for RF/AF service with published pulse ratings. Rated around 2 kW plate dissipation and 6 kV, it supports substantial continuous and pulsed power applications.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION 1 Triode	
MAXIMUM PLATE VOLTAGE	6000 V
MAXIMUM PLATE DISSIPATION	2000 W
MAXIMUM GRID DISSIPATION	220 W
MAXIMUM CATHODE CURRENT	1.8 A
<i>Published ratings and characteristics promoted where reliably recoverable from the approved sheet.</i>	

Radiation-cooled power triode for RF/AF and industrial service; pulse ratings also published.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1969 Brown Boveri

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

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Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Frequency	50 MHz	—
RF/Output Power	7000 W	Quick Reference, stated operating class where applicable
Maximum Anode Current	1.8 A	—

TUBE TINKER

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