



ELECTRONIC TUBE REFERENCE

T5001

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

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Power transmitting triode intended for RF amplification, oscillation, modulation, or industrial RF service. Manufacturer documentation emphasizes professional radio-frequency operation and substantial power handling.

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	
TRANSCONDUCTANCE	0.045 S
AMPLIFICATION FACTOR	28
MAXIMUM PLATE VOLTAGE	4000 V
MAXIMUM PLATE DISSIPATION	450 W
MAXIMUM GRID DISSIPATION	50 W
MAXIMUM CATHODE CURRENT	650 mA
<i>Published ratings and characteristics promoted where reliably recoverable from the approved sheet.</i>	

Radiation-cooled triode for industrial applications and communication.

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	120 MHz	—
RF/Output Power	1690 W	Quick Reference, stated operating class where applicable
Maximum Anode Current	650 mA	—