



ELECTRONIC TUBE REFERENCE

T3801

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

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Radiation-cooled power triode for AF/RF amplification, shortwave transmitters, plastic welding, and pulse operation. Rated around 380 W plate dissipation and 4 kV, it spans communications and industrial RF service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 15 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.008 S
AMPLIFICATION FACTOR	28
MAXIMUM PLATE VOLTAGE	4000 V
MAXIMUM PLATE DISSIPATION	380 W
MAXIMUM GRID DISSIPATION	40 W
MAXIMUM CATHODE CURRENT	450 mA
<i>Published ratings and characteristics promoted where reliably recoverable from the approved sheet.</i>	

Radiation-cooled triode for AF/RF amplification, shortwave transmitters, plastic welding and pulse operation.

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.

1969 BROWN BOVERI

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Frequency	150 MHz	—
RF/Output Power	1230 W	Quick Reference, stated operating class where applicable
Maximum Anode Current	450 mA	—