

ELECTRONIC TUBE REFERENCE

BTW253

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Water-cooled high-power transmitting triode for radio-frequency power service.

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

SECTION1 Triode	
MAXIMUM PLATE VOLTAGE	15000 V
MAXIMUM CATHODE CURRENT	11 A
Promoted ratings and characteristics audited from General Data and operating tables.	

water-cooled transmitting triode for RF and AF amplification and industrial or broadcast service. The datasheet specifies a directly heated thoriated tungsten cathode and water anode cooling.



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 plate voltage	15000 V	—
Maximum plate current	1 A	—
Maximum frequency	50 MHz	—
RF output power, Class C unmodulated	121000 W	ClassC

TUBE TINKER

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

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