

ELECTRONIC TUBE REFERENCE

5604A

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

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Forced-air-cooled high-power transmitting triode.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	11 V / 176 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION0 Triode	
AMPLIFICATION FACTOR	20
MAXIMUM PLATE VOLTAGE	12500 V
MAXIMUM PLATE DISSIPATION	10000 W
Forced-air-cooled power triode; Class B AF amplifier/modulator and RF service.	

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

9999 Mixed H 1000

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

9999 MIXED H 1000

Section 0 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate voltage	12500 V	Maximum DC plate voltage
Heater/filament voltage	11 V	Filament voltage
Heater/filament current	176 A	Filament current