



ELECTRONIC TUBE REFERENCE

207

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

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Power triode intended for transmitting applications, including RF amplification and oscillator service. Published operating conditions emphasize radio-frequency power generation and substantial plate loading.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	22 V / 52 A	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 PLATE DISSIPATION	7500 W
MAXIMUM CATHODE CURRENT	2 A
Published source values promoted where applicable; specialized component data retained as parameters.	

High-power transmitting triode for RF power amplifier, oscillator and Class-B modulator service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 General Electric Transmitting Types

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

1950 GENERAL ELECTRIC TRANSMITTING TYPES

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament starting current maximum	100 A	—

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Service	RF power amplifier / oscillator / Class B modulator	

TUBE TINKER

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