

ELECTRONIC TUBE REFERENCE

146

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

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Three-electrode transmitting power tube for Class B audio amplification, modulation, Class C RF power amplification, and oscillation. Rated for 125 W plate dissipation with full-rating operation specified to approximately 15 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	10 V / 3.25 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.0039 S
AMPLIFICATION FACTOR	75
MAXIMUM PLATE VOLTAGE	1500 V
MAXIMUM PLATE DISSIPATION	125 W
Representative electrical section; promoted values mapped from published ratings and characteristics where applicable.	

Three-electrode transmitting tube for Class B audio-frequency power amplification, RF power amplification, Class C oscillation, and modulation 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
Maximum signal plate input per tube	250 W	ClassB Audio
Maximum operating frequency at full ratings	15 MHz	Published datasheet value