

ELECTRONIC TUBE REFERENCE

826

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Thoriated-tungsten RF power triode for amplifier and oscillator service to approximately 250–300 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	–	BASE PINS	7
NOMINAL HEATER	7.5 V / 4 A	PARALLEL HEATER	– / –
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
AMPLIFICATION FACTOR	31
MAXIMUM PLATE VOLTAGE	1250 V
MAXIMUM PLATE DISSIPATION	75 W
MAXIMUM CATHODE CURRENT	140 mA
Published ratings and characteristics promoted from the supplied General Electric source.	

Thoriated-tungsten RF power triode for amplifier/oscillator service to 250 MHz at full input and 300 MHz at reduced input.



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

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	7.5 V	—
HeaterOrFilamentCurrent	4 A	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
FrequencyForMaximumRatings	250 MHz	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1956 RCA Transmitting Tubes

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

1956 RCA TRANSMITTING TUBES

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Amplification Factor	31	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	1250 V	—
Maximum Plate Dissipation	75 W	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Cathode Current	140 mA	—
Full-Input Operating Frequency Maximum	250 MHz	—
Power Output	120 W	ClassC,RF,ForcedAirCooling
Typical Plate Voltage	1250 V	Representative published point
Typical Plate Current	125 mA	Representative published point