



ELECTRONIC TUBE REFERENCE

35T

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

High-mu transmitting triode for Class B and Class C RF operation and audio-modulator service. With roughly 50 W plate dissipation and 2 kV plate capability, it provides versatile medium-power transmitter and modulation service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	5 V / 4 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.00285 S
AMPLIFICATION FACTOR	39
MAXIMUM PLATE VOLTAGE	2000 V
MAXIMUM PLATE DISSIPATION	50 W
Published source values promoted where applicable; additional values retained as parameters.	

High-mu transmitting triode for Class-B/Class-C RF and audio 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
Maximum full-rating frequency	100 MHz	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 Eimac

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

1962 EIMAC

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency for Maximum Ratings	100 MHz	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum DC Plate Current	150 mA	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-Plate Capacitance	1.8 pF	—
Grid-Filament Capacitance	4.1 pF	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate-Filament Capacitance	0.3 pF	—