



ELECTRONIC TUBE REFERENCE

895

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Water-cooled transmitting triode for Class-B modulation, RF power amplification, and oscillator service with very high plate-dissipation capability.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	20 V / 414 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
AMPLIFICATION FACTOR	37
MAXIMUM PLATE DISSIPATION	40000 W
<i>Ratings and characteristics promoted from the supplied General Electric source where explicitly published.</i>	

Water-cooled transmitting triode for Class B modulator, RF power-amplifier, or oscillator service; plate dissipation up to 40 kW.

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	20 V	—
HeaterOrFilamentCurrent	414 A	—
Amplification Factor	37	Bogey