



ELECTRONIC TUBE REFERENCE

5C24

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

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Thoriated-tungsten power triode designed for Class A and Class AB1 audio-frequency amplifier and modulator service. Rated for 160 W plate dissipation and plate voltage to about 1.75 kV for substantial transmitter audio power.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.0055 S
MAXIMUM PLATE VOLTAGE	1750 V
MAXIMUM PLATE DISSIPATION	160 W
MAXIMUM CATHODE CURRENT	320 mA
Published ratings and characteristics promoted semantically from source.	

Three-electrode thoriated-tungsten power triode for Class A and Class AB1 audio-frequency amplifier/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

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	5500 μ S	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	1750 V	—
Maximum Plate Dissipation	160 W	—
Maximum Cathode Current	320 mA	—
Plate Voltage	1500 V	ClassA
Plate Current	107 mA	ClassA
Power Output	55 W	ClassA,5% second harmonic
Maximum Signal Power Output	240 W	ClassAB1

TUBE TINKER

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and their source documents.

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