



ELECTRONIC TUBE REFERENCE

1G6G

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

Directly heated twin triode designed as a Class-B push-pull power amplifier for battery-operated receivers, using two triode units together for economical audio-output service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	1.4 V / 100 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	43000 Ω
TRANSCONDUCTANCE	0.000675 S
AMPLIFICATION FACTOR	30
MAXIMUM PLATE VOLTAGE	90 V
MAXIMUM CATHODE CURRENT	20 mA
Representative row for two identical triodes.	

SECTION2 Triode	
PLATE RESISTANCE	43000 Ω
TRANSCONDUCTANCE	0.000675 S
AMPLIFICATION FACTOR	30
MAXIMUM PLATE VOLTAGE	90 V
MAXIMUM CATHODE CURRENT	20 mA
Identical second physical section; duplicated from representative section per physical-section-row policy.	

Two-triode 1.4 V battery power amplifier designed for Class B output service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 Sylvania

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

1950 SYLVANIA

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	90 V	ClassA; EachTriode
Maximum Peak Plate Current	20 mA	ClassB; EachTriode
Power Output	0.45 W	ClassB; PushPull