



ELECTRONIC TUBE REFERENCE

Z2354

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

General Electric low-mu ceramic-metal planar triode for audio or RF power amplification and series-regulator service under severe environmental conditions. Compact rugged construction and moderate dissipation suit demanding professional equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 850 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	1330 Ω
TRANSCONDUCTANCE	0.006 S
AMPLIFICATION FACTOR	8
MAXIMUM PLATE VOLTAGE	330 V
MAXIMUM PLATE DISSIPATION	12 W
MAXIMUM CATHODE CURRENT	100 mA

The Z-2354 is a low-mu triode of ceramic and metal planar construction. The tube is intended for use as an audio-frequency or radio-frequency power-amplifier or as a series regulator, in applications where unfavorable conditions of temperature, mechanical shock, mechanical vibration, and nuclear radiation are encountered.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage AC or DC+ 6 3	0.3 V	—
Heater Current	850 mA	—
Plate Voltage	330 V	—
Positive DC Grid Voltage	0 V	—
Negative DC Grid Voltage	100 V	—
Plate Dissipation	12 W	—
DC Cathode Current	100 mA	—
DC Component	100 V	—
Total DC and Peak	200 V	—
With Fixed Bias	0.25 MOhm	—
With Cathode Bias	1 MOhm	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	250 V	Average Characteristics
Cathode-Bias Resistor	330 Ohm	Average Characteristics
Plate Resistance approximate	1330 Ohm	Average Characteristics
Transconductance	6000 uS	Average Characteristics
Plate Current	60 mA	Average Characteristics
Ib 100 Microamperes	52 V	Average Characteristics
cathode defects Conditions of test include Ef	7.5 V	Average Characteristics
minute on and one minute off Eb Ec 0 volts and Ehk	135 V	Average Characteristics

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater current of a bogey tube at Ef	6.3 V	Average Characteristics

TUBE TINKER

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