



ELECTRONIC TUBE REFERENCE

Y1251

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

General Electric ceramic-metal planar triode; available source material does not establish a narrower functional role confidently.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 240 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.013 S
AMPLIFICATION FACTOR	65
MAXIMUM PLATE VOLTAGE	200 V
MAXIMUM PLATE DISSIPATION	2.5 W
MAXIMUM CATHODE CURRENT	20 mA

The Y1251 is described by the approved General Electric datasheet.



SOURCE OPERATING CONDITIONS

SOURCE PDF

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
Plate Voltage	200 V	ABSOLUTE-MAXIMUM RATINGS
Negative DC Grid Voltage	50 V	ABSOLUTE-MAXIMUM RATINGS
Plate Dissipation	2.5 W	ABSOLUTE-MAXIMUM RATINGS
DC Grid Current	5 mA	ABSOLUTE-MAXIMUM RATINGS
DC Cathode Current	20 mA	ABSOLUTE-MAXIMUM RATINGS
Peak Cathode Current	80 mA	ABSOLUTE-MAXIMUM RATINGS
Heater Negative with Respect to Cathode	50 V	ABSOLUTE-MAXIMUM RATINGS
Grid Circuit RESISTANCE	10000 Ohm	ABSOLUTE-MAXIMUM RATINGS

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker