



ELECTRONIC TUBE REFERENCE

6247

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

High-mu triode for Class-A voltage-amplifier service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	6247	BASE PINS	—
NOMINAL HEATER	6.3 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	22600 Ω
TRANSCONDUCTANCE	0.00265 S
AMPLIFICATION FACTOR	60
MAXIMUM PLATE VOLTAGE	275 V
Promoted from clearly identified printed ratings/characteristics; additional published operating points and capacitances retained in TUBE_SECTION_PARAMETER.	

High-mu triode for Class-A voltage-amplifier service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X General Electric Essential Characteristics

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

195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	250 V	ClassA
Cathode resistor	500 Ω	ClassA
Plate current	4.2 mA	ClassA

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate resistance	22600 Ω	ClassA
Transconductance	2650 μS	ClassA
Amplification factor	60	ClassA