



ELECTRONIC TUBE REFERENCE

5635

Voltage - Dual Triode (similar) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

Subminiature medium-mu twin triode intended for Class-A amplifier service, packaging two triode sections in a compact form for space-conscious electronic equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	8DB	BASE PINS	8
NOMINAL HEATER	6.3 V / 450 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	10000 Ω
TRANSCONDUCTANCE	0.0038 S
AMPLIFICATION FACTOR	38
MAXIMUM PLATE VOLTAGE	150 V
Two electrically identical triode sections; one representative section emitted.	

SECTION2 Triode	
PLATE RESISTANCE	10000 Ω
TRANSCONDUCTANCE	0.0038 S
AMPLIFICATION FACTOR	38
MAXIMUM PLATE VOLTAGE	150 V
Second identical physical triode section; added to align rows with SectionCount.	

Subminiature medium-mu twin triode for Class A 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

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input Capacitance	2.6 pF	—
Output Capacitance	1.6 pF	—
Grid-to-Plate Capacitance	1.2 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	100 V	ClassA;EachSection
Cathode Resistor	100 ohm	ClassA;EachSection
Plate Current	4.8 mA	ClassA;EachSection

TUBE TINKER

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