



ELECTRONIC TUBE REFERENCE

5694

Voltage - Dual Triode (similar) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

Premium industrial twin triode designed for dependable long-life service in amplifier and control equipment, with construction intended for applications demanding stable operation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	8CS	BASE PINS	8
NOMINAL HEATER	6.3 V / 800 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	11000 Ω
TRANSCONDUCTANCE	0.0032 S
AMPLIFICATION FACTOR	35
MAXIMUM PLATE VOLTAGE	300 V
One of two medium-mu triodes; identical-section compression applied.	

SECTION2 Triode	
PLATE RESISTANCE	11000 Ω
TRANSCONDUCTANCE	0.0032 S
AMPLIFICATION FACTOR	35
MAXIMUM PLATE VOLTAGE	300 V
Second identical physical triode section; added to align rows with SectionCount.	

High-mu double triode for communications voltage amplification, Class B power amplification and low-frequency oscillation.

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	294 V	ClassA
Grid voltage	-6 V	ClassA
Plate current	7 mA	ClassA
Plate voltage	250 V	BothSectionsParallel
Grid voltage	-5 V	BothSectionsParallel
Plate current	6 mA	BothSectionsParallel

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate resistance	11000 ohm	—
Transconductance	3200 uS	—
Amplification factor	35	—
Plate resistance	11300 ohm	BothSectionsParallel
Transconductance	3100 uS	BothSectionsParallel