ELECTRONIC TUBE REFERENCE

5608A

Voltage - Dual Triode (similar) electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
TRIODE-TRIODE

Medium-mu twin triode documented with a 2.5-volt, 2-ampere heater, providing two triode sections for general amplifier service where its electrical characteristics are appropriate.

General characteristics

BASE DESIGNATION	7B	**BASE PINS**	7
NOMINAL HEATER	2.5 V / 2 A	**PARALLEL HEATER**	— / —
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

7B - Terminal pinout

TERMINAL	SECTION	ELEMENT	STATUS
PIN1 — H	—	H — Heater	CONNECTED
PIN2 — 2P	B	P — Plate (Anode)	CONNECTED
PIN3 — 2G1	B	G1 — Control Grid	CONNECTED
PIN4 — K	A	K — Cathode	CONNECTED
PIN5 — 1G1	A	G1 — Control Grid	CONNECTED
PIN6 — 1P	A	P — Plate (Anode)	CONNECTED
PIN7 — H	—	H — Heater	CONNECTED
CAP1 — G4	A	G4 — Fourth Grid	CONNECTED

Section ratings

SECTION1 Triode	
PLATE RESISTANCE	13000 Ω
TRANSCONDUCTANCE	0.00245 S
AMPLIFICATION FACTOR	32
MAXIMUM PLATE VOLTAGE	350 V
MAXIMUM PLATE DISSIPATION	5.5 W
Published maximum ratings, operating characteristics, rectifier/deflection data reviewed.	

SECTION2 Triode	
PLATE RESISTANCE	13000 Ω
TRANSCONDUCTANCE	0.00245 S
AMPLIFICATION FACTOR	32
MAXIMUM PLATE VOLTAGE	350 V
MAXIMUM PLATE DISSIPATION	5.5 W
Second identical physical triode section; added to align rows with SectionCount.	

> 5608A is listed in the supplied receiving-tube handbook as a medium-mu twin triode. The published heater/filament rating is 2.5 V at 2.0 A.

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**
Maximum plate voltage	**350 V**	Published handbook rating
Plate voltage	**300 V**	ClassA
Control-grid bias	**6 V**	ClassA
Plate current	**6 mA**	ClassA

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Plate resistance	**13000 ohm**	Published handbook characteristic
Transconductance	**2450 µS**	Published handbook characteristic
Amplification factor	**32**	Published handbook characteristic
Heater/filament voltage	**2.5 V**	Published heater/filament rating
Heater/filament current	**2 A**	Published heater/filament rating

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