



ELECTRONIC TUBE REFERENCE

6132

Voltage - Pentode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Pentode documented with Class A characteristics and a maximum anode dissipation of about 12 W. Manufacturer registration data establish substantial signal/power capability, but the available functional wording is insufficient to classify it specifically as an output pentode.

GENERAL CHARACTERISTICS

BASE DESIGNATION	9BA	BASE PINS	9
NOMINAL HEATER	6.3 V / 145 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
PLATE RESISTANCE	50000 Ω
TRANSCONDUCTANCE	0.011 S
MAXIMUM PLATE VOLTAGE	275 V
MAXIMUM SCREEN VOLTAGE	275 V
Primary electrical section; identical repeated sections compressed where applicable.	

6132 vacuum tube described in the supplied manufacturer registration datasheet.



SOURCE OPERATING CONDITIONS

SOURCE PDF

1954 STC Brimar

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

1954 STC BRIMAR
Section 1 · Pentode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage nominal (ac or dC) PP SaROESsasssensstesREe 6.5 volts	6.5 V	Heater Voltage nominal (ac or dC) PP SaROESsasssensstesREe 6.5 volts
Meximum anode diSSipation S8 PSS IO EEPAsIIes R i RROOBRERS 12 watts	12 W	Meximum anode diSSipation S8 PSS IO EEPAsIIes R i RROOBRERS 12 watts
Peak inatantsneots cathcde current cevevevescscsseesecess 145 amps.	145 A	Peak inatantsneots cathcde current cevevevescscsseesecess 145 amps.
Grid FOo2 VOILOGE vevrvoevscccsanasnssasscesssacassnassans 200 Volts	200 V	Grid FOo2 VOILOGE vevrvoevscccsanasnssasscesssacassnassans 200 Volts
Grid NO.1 VOltab'e ...o.....-...- -...oo.....-.....o"lns v°1t3	1 V	Grid NO.1 VOltab'e ...o.....-...- -...oo.....-.....o"lns v°1t3
Anode impedance 000 sssdnatosacsntns s sessss0acsstetes 50,000 ohma	50 ohm	Anode impedance 000 sssdnatosacsntns s sessss0acsstetes 50,000 ohma
Grid No.,2 current s,scevse=sssacsassnvenssccacacsnnssanns 6.0 mA	6 mA	Grid No.,2 current s,scevse=sssacsassnvenssccacacsnnssanns 6.0 mA



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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate voltage	275 V	Published handbook rating
Maximum screen voltage	275 V	Published handbook rating
Plate voltage	250 V	ClassA
Screen voltage	250 V	ClassA
Control-grid bias	4.5 V	ClassA
Plate current	40 mA	ClassA
Screen current	6 mA	ClassA

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate resistance	50000 ohm	Published handbook characteristic
Transconductance	11000 μS	Published handbook characteristic
Heater/filament voltage	6.3 V	Published heater/filament rating
Heater/filament current	750 mA	Published heater/filament rating

TUBE TINKER

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