

Sharp-cutoff double tetrode with common cathode and screen, intended for general amplifier service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	8BV	BASE PINS	8
NOMINAL HEATER	7 V / 320 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
PLATE RESISTANCE	225000 Ω
TRANSCONDUCTANCE	0.0021 S
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM SCREEN VOLTAGE	100 V
MAXIMUM PLATE DISSIPATION	1.5 W
MAXIMUM SCREEN DISSIPATION	0.1 W
MAXIMUM HEATER-CATHODE VOLTAGE	0 V
Published promoted fields populated by semantic heading; identical repeated physical sections compressed.	

SECTION2 Tetrode	
PLATE RESISTANCE	225000 Ω
TRANSCONDUCTANCE	0.0021 S
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM SCREEN VOLTAGE	100 V
MAXIMUM PLATE DISSIPATION	1.5 W
MAXIMUM SCREEN DISSIPATION	0.1 W
<i>Second physical tetrode section; electrically identical twin section.</i>	

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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 · Tetrode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input capacitance	3.4 pF	PerSection
Output capacitance	2.6 pF	PerSection
Grid-to-plate capacitance	0.15 pF	PerSection

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	250 V	ClassA;PerSection
Screen-grid voltage	100 V	ClassA;PerSection
Grid voltage	-2.5 V	ClassA;PerSection
Plate current	4.5 mA	ClassA;PerSection
Screen-grid current	0.8 mA	ClassA;PerSection

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate resistance	225000 ohm	ClassA;PerSection
Transconductance	2100 uS	ClassA;PerSection

1961 Tung Sol

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

1961 TUNG SOL

Section 1 · Tetrode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Resistance	225000 ohm	PerUnit
Transconductance	2100 uS	PerUnit