

ELECTRONIC TUBE REFERENCE

5904

Voltage - Triode (under 100V) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Medium-mu high-perveance triode designed for amplifier or oscillator service using approximately 26.5 V on both plate and heater.

GENERAL CHARACTERISTICS

BASE DESIGNATION	8DK	BASE PINS	8
NOMINAL HEATER	26.5 V / 45 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

8DK - TERMINAL PINOUT

TERMINAL	SECTION	ELEMENT	STATUS
PIN1 – G1	A	G1 – Control Grid	CONNECTED
PIN3 – H	–	H – Heater	CONNECTED
PIN5 – K	A	K – Cathode	CONNECTED
PIN6 – H	–	H – Heater	CONNECTED
PIN8 – P	A	P – Plate (Anode)	CONNECTED

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	4250 Ω
TRANSCONDUCTANCE	0.0047 S
AMPLIFICATION FACTOR	20
MAXIMUM PLATE VOLTAGE	55 V
<i>Medium-mu triode; low-voltage Class A characteristics and capacitances published.</i>	

Medium-mu high-perveance triode designed for amplifier or oscillator use with 26.5 volts on plate and heater.

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	2.4 pF	—
Output Capacitance	2.2 pF	—
Grid-to-Plate Capacitance	1.8 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	26.5 V	ClassA
Grid Resistor	2.2 Mohm	ClassA
Plate Current	2.75 mA	ClassA