

ELECTRONIC TUBE REFERENCE

7888

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Premium subminiature high-transconductance medium-mu triode intended primarily as a UHF oscillator and also suitable for lower-frequency applications.

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	
TRANSCONDUCTANCE	0.0065 S
AMPLIFICATION FACTOR	27
MAXIMUM PLATE VOLTAGE	165 V
MAXIMUM PLATE DISSIPATION	3.3 W
<i>Primary physical section. Sylvania 7888: maximum DC plate voltage 165 V; peak forward plate voltage 330 V. Typical transconductance 6500 μmhos and amplification factor 27 at 150 V plate voltage, 180 Ω cathode resistor.</i>	

A premium subminiature high-transconductance medium-mu triode intended primarily as a UHF oscillator and also suitable for lower-frequency applications.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 Sylvania

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

1950 SYLVANIA

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Current	45 mA	Nominal published value