

ELECTRONIC TUBE REFERENCE

6055

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Sylvania 6055 ruggedized 26.5 V subminiature medium-mu UHF triode with 8DK flexible-lead basing, designed for severe shock and vibration.

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	0.005 S
AMPLIFICATION FACTOR	19
MAXIMUM PLATE VOLTAGE	55 V
<p><i>Sylvania 6055 ruggedized UHF triode, RTMA 1951. Heater 26.5 V 45 mA, max plate 55 V DC, max plate current 22 mA, max grid current 8.5 mA, heater-cathode max 200 V. Typical at V_a 26.5 V with 2.2 MΩ grid resistor: I_a 3 mA, gm 0.005 A/V, mu 19; grid voltage for I_a 10 μA -3.5 V. Direct capacitances C_{gp} 1.8 pF, input 2.2 pF, output 0.8 pF. Impact 450 g, uniform acceleration 1000 g, sustained vibration 2.5 g; max bulb 160°C, life 5000 h. Eight flexible leads 8DK.</i></p>	

Subminiature medium-mu triode.



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

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	26.5 V	—
Heater Current	45 mA	—

TUBE TINKER

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and their source documents.

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