



ELECTRONIC TUBE REFERENCE

6056

Voltage - Pentode Remote Cutoff (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Subminiature remote-cutoff RF pentode for UHF amplification in rugged equipment, designed for long service life and stable characteristics despite shock and vibration. Operates from a 26.5 V, 45 mA heater.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	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

SECTION RATINGS

SECTION 1 Pentode	
PLATE RESISTANCE	125000 Ω
TRANSCONDUCTANCE	0.003 S
MAXIMUM PLATE VOLTAGE	55 V
MAXIMUM SCREEN VOLTAGE	55 V
MAXIMUM CATHODE CURRENT	10 mA
<p><i>Sylvania 6056 rugged subminiature remote-cutoff UHF RF pentode, eight flexible leads with 8DL basing, coated unipotential cathode and heater 26.5 V 45 mA. Absolute maximum plate and screen DC voltages each 55 V, DC cathode current 10 mA; maximum heater-to-cathode voltage 1200 V explicitly specified. Typical at anode/screen each 26.5 V with grid-1 return resistor 2.2 MΩ: plate 2.7 mA, screen 1.1 mA, gm 3000 μmhos (0.003 S), rp 125000 Ω. Grid-1 voltage approx -4.5 V for gm 10 μmhos. Shielded direct capacitances grid-1-to-plate 0.015 pF max, input 4.4 pF, output 3.4 pF. Rated shock resistance 450g, uniform acceleration 1000g, sustained vibration 2.5g; careful heater voltage regulation needed.</i></p>	

Subminiature remote-cutoff RF pentode.



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 · Pentode

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

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