



ELECTRONIC TUBE REFERENCE

WL7025

Voltage - Dual Triode (similar) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

Low-noise, low-hum, low-microphonism high-mu twin triode designed for tape-recorder and high-quality audio preamplifier input stages; electrically similar to the 12AX7 family.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	12.6 V / 150 mA	PARALLEL HEATER	6.3 V / 300 mA
HEATING	Indirect	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	62500 Ω
TRANSCONDUCTANCE	0.0016 S
AMPLIFICATION FACTOR	100
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	1 W
Westinghouse WL-7025 low-noise, low-hum, low-microphonism audio voltage-amplifier dual triode, electrically similar to 12AX7. First physical triode: rated maximum plate voltage 300 V and dissipation 1 W. At 250 V plate, -2 V grid: gm 1.6 mA/V, amplification factor 100, plate resistance 62.5 kΩ. Series heater 12.6 V 0.15 A or parallel heater 6.3 V 0.30 A. Manufacturer publishes interelectrode capacitances.	

SECTION2 Triode	
PLATE RESISTANCE	62500 Ω
TRANSCONDUCTANCE	0.0016 S
AMPLIFICATION FACTOR	100
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	1 W
<i>Westinghouse WL-7025 second physical triode of low-noise audio twin triode for tape-recorder and high-quality preamplifier input service. Maximum plate voltage 300 V, dissipation 1 W. At 250 V plate, -2 V grid: gm 1.6 mA/V, μ 100, plate resistance 62.5 kΩ. Heater allows 12.6 V 0.15 A series connection or 6.3 V 0.30 A parallel connection. Capacitance data provided separately for the physical triodes.</i>	

Low-noise, low-hum, low-microphonism twin triode for tape-recorder and high-quality audio preamplifier inputs; electrically similar to 12AX7.



SOURCE OPERATING CONDITIONS

1965 Sylvania Electronic Tubes Vol3

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

1965 SYLVANIA ELECTRONIC TUBES VOL3

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	Rated heater condition
Heater current	300 mA	Rated heater condition
OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Voltage (cic or dc)	6.3 V	Voltage (cic or dc) 12.6 6.3 Volts Heater-Cathode Voltage:
Current	300 mA	Current 0 . 15 0.30 Ampere Heater Positive or Negative with respect to
Gridtoplate	4 pF	Gridtoplate 1.4 1.4 uuf Grid Voltage:
Bulb	250 V	Bulb....., ... T-6-1/2 Plate Voltage loo 250 Volts
Base....., Miniature 9-Pin (JETEC E9-I) Grid Voltage	-2 V	Base....., Miniature 9-Pin (JETEC E9-I) Grid Voltage -I -2 Volts
Basing	62500 ohm	Basing..... 9A Plate Resistance 80000 62500 Ohms
Mounting Position Any Transconductance	1600 uS	Mounting Position Any Transconductance..... 1250 1600 umhos

TUBE TINKER

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