

ELECTRONIC TUBE REFERENCE

4CX7

Voltage - Dual Triode (similar high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
TRIODE-TRIODE

High-transconductance dual triode designed for VHF amplifier and television-tuner service, providing two triode sections optimized for high-frequency signal amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	4.2 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	5600 Ω
TRANSCONDUCTANCE	0.0064 S
AMPLIFICATION FACTOR	45
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	2 W
MAXIMUM CATHODE CURRENT	20 mA
WARM-UP TIME	11 s
Published ratings and characteristics promoted where applicable.	

SECTION2 Triode	
PLATE RESISTANCE	5600 Ω
TRANSCONDUCTANCE	0.0064 S
AMPLIFICATION FACTOR	45
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	2 W
MAXIMUM CATHODE CURRENT	20 mA
<i>Second physical triode section; electrically identical twin section.</i>	

High-transconductance dual triode for VHF amplifier and television tuner service.



SOURCE OPERATING CONDITIONS

1950 Sylvania

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

1950 SYLVANIA

Section 1 · Triode

APPLICATION

PARAMETER

PUBLISHED VALUE

CONDITION / NOTE

Service

Cascode VHF amplifier —



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Tung Sol

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

1961 TUNG SOL

Section 1 · Triode

CHARACTERISTIC

PARAMETER

PUBLISHED VALUE

CONDITION / NOTE

Heater Warmup Time

11 s

—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1966 Tung Sol Electronic Tubes 1 of 4

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

1966 TUNG SOL ELECTRONIC TUBES 1 OF 4

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	150 V	EachSection
Plate current	12 mA	EachSection

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	8000 μ S	EachSection
Plate resistance	5600 Ω	EachSection
Amplification factor	45	EachSection

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

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