

ELECTRONIC TUBE REFERENCE

6913

Voltage - Dual Triode (similar) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

Miniature twin triode designed for high-speed digital computers, with separate cathodes, high zero-bias plate current, and sharp cutoff characteristics suited to fast switching and logic circuits.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	3900 Ω
TRANSCONDUCTANCE	0.0046 S
AMPLIFICATION FACTOR	18
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	3.5 W
MAXIMUM CATHODE CURRENT	25 mA
Published source ratings/characteristics promoted where applicable; identical repeated sections compressed.	

SECTION2 Triode	
PLATE RESISTANCE	3900 Ω
TRANSCONDUCTANCE	0.0046 S
AMPLIFICATION FACTOR	18
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	3.5 W
MAXIMUM CATHODE CURRENT	25 mA
<i>Second physical triode section; electrically identical twin section.</i>	

The Sylvania 6913 is a miniature twin triode designed for high-speed digital computers. Each section has high zero-bias plate current, sharp cutoff, and a separate cathode connection.



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
Plate Resistance	3900 ohm	—
Transconductance	4600 μ S	—
Amplification Factor	18	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	300 V	—
Maximum Plate Dissipation	3.5 W	—
Maximum Cathode Current	25 mA	—
Typical Plate Voltage	150 V	—
Typical Plate Current	11 mA	—

TUBE TINKER

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and their source documents.

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