



ELECTRONIC TUBE REFERENCE

12SR7GT

Voltage - Triode (with diode, heptode or hexode) electronic tube

CONSOLIDATED TECHNICAL
DATA

3 SECTIONS

CONSTRUCTION

DIODE-DIODE-TRIODE

GT-envelope double-diode triode for detector and audio-frequency amplifier service. Its paired diodes provide detection and control-voltage rectification while the medium-mu triode offers useful current-driving capability for subsequent receiver stages.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	12.6 V / 150 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Diode

No fixed ratings recorded.

Published promoted fields populated semantically; identical repeated sections compressed.

SECTION2 Triode

PLATE RESISTANCE	8500 Ω
TRANSCONDUCTANCE	0.0019 S
AMPLIFICATION FACTOR	16
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	2.5 W

Published promoted fields populated semantically; identical repeated sections compressed.

SECTION3 Diode

No fixed ratings recorded.

Added approved missing physical diode section row.

Two diodes and a medium-mu triode for detector, rectifier, and amplifier service.



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 2 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
TriodePlateResistance	8500 ohm	Section2
TriodeTransconductance	1900 uS	Section2

TUBE TINKER

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