



ELECTRONIC TUBE REFERENCE

6394A

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE

Dual power triode for specialized high-current service. The available manufacturer documentation is too sparse to support a narrower functional assignment or specialized canonical tags, so the description remains conservative rather than inferring an application.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	26.5 V / 1.3 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	250 Ω
TRANSCONDUCTANCE	0.016 S
AMPLIFICATION FACTOR	2
MAXIMUM PLATE VOLTAGE	400 V
MAXIMUM PLATE DISSIPATION	30 W
MAXIMUM CATHODE CURRENT	400 mA
<i>Promoted source ratings/characteristics; identical repeated sections compressed.</i>	

Long-life ruggedized twin power triode for regulator pass 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 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	26.5 V	Nominal
Heater current	1.3 A	Nominal



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1966 Tung Sol Electronic Tubes 4 of 4

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

1966 TUNG SOL ELECTRONIC TUBES 4 OF 4

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	26.5 V	—
Heater/filament current	1.3 A	—

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application summary	Long-life ruggedized twin power triode for regulator pass service.	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	100 V	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate current per section	200 mA	—
Transconductance	40000 μ S	—
Maximum shock	720 G	—
Heater-cathode voltage minimum	-300 V	—
Heater-cathode voltage maximum	300 V	—