



ELECTRONIC TUBE REFERENCE

6286

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Directly heated subminiature triode for radio-frequency oscillator service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	1.25 V / 125 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	5500 Ω
TRANSCONDUCTANCE	0.0021 S
AMPLIFICATION FACTOR	15
MAXIMUM PLATE VOLTAGE	100 V
MAXIMUM PLATE DISSIPATION	0.45 W
MAXIMUM CATHODE CURRENT	7 mA
<i>Published electrical limits and characteristics promoted from the approved source; identical repeated sections compressed where applicable.</i>	

Directly heated subminiature triode for radio-frequency oscillator service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 Raytheon

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

1938 RAYTHEON

Section 1 · Triode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	1.25 V	Published nominal or representative value
Heater or filament current	40 mA	Published nominal or representative value
Transconductance	1100 μ S	Published operating characteristic



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Tung Sol

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1961 TUNG SOL

Section 1 · Triode

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	1.25 V	Nominal
Heater current	125 mA	Nominal
Plate voltage	100 V	Published operating table; OperatingPoint1
Plate voltage	67.5 V	Published operating table; OperatingPoint1
Plate voltage	67.5 V	Published operating table; OperatingPoint1

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate current	7 mA	Published operating table; OperatingPoint1
Plate current	6 mA	Published operating table; OperatingPoint1

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate current	5.25 mA	Published operating table; OperatingPoint1
Transconductance	2100 uS	Published operating table; OperatingPoint1



SOURCE OPERATING CONDITIONS

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1966 Tung Sol Electronic Tubes 4 of 4

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1966 TUNG SOL ELECTRONIC TUBES 4 OF 4

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	1.25 V	—
Heater/filament current	125 mA	—

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application summary	Directly heated subminiature military triode.	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	67.5 V	—
Plate current	5 mA	—
Transconductance	1500 uS	—
Maximum plate voltage	100 V	—
Grid-to-filament capacitance	1.3 pF	—



1968 Mazda Belvu

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

1968 MAZDA BELVU
Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	1.25 V	Nominal
HeaterCurrentNominal	120 mA	Nominal
Maximum Plate Voltage	100 V	—
Maximum Plate Dissipation	0.45 W	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	2100 μS	Typical
Amplification Factor	11.5	Typical
Plate Resistance	5500 ohm	Typical

TUBE TINKER

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