

ELECTRONIC TUBE REFERENCE

2AF4B

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Improved miniature UHF triode for television-tuner oscillator and amplifier service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	2.35 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	2270 Ω
TRANSCONDUCTANCE	0.0066 S
AMPLIFICATION FACTOR	15
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM PLATE DISSIPATION	2.05 W
MAXIMUM CATHODE CURRENT	28 mA
Promoted from clearly identified published ratings/characteristics; additional operating points, capacitances, flyback limits, battery-service values, and application-specific data are retained in TUBE_SECTION_PARAMETER.	

Improved miniature UHF triode for television tuner oscillator 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 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Warmup Time	11 s	—
PlateInputMaximum	2.5 W	OscillatorService
Plate Voltage	100 V	OscillatorService

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

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	150 V	UHFOScillator
Plate current	20 mA	UHFOScillator
Application	Improved UHF television oscillator/amplifier	Section1

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate resistance	2000 Ω	Section1
Transconductance	6800 μS	Section1
Amplification factor	14	Section1