ELECTRONIC TUBE REFERENCE

8569

Tuning Indicator electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TUNINGINDICATOR

Long-life directly heated end-view indicator triode producing blue-green light proportional to plate current for compact visual electrical-level indication.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	4
NOMINAL HEATER	0.7 V / 35 mA	**PARALLEL HEATER**	– / –
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Tuning Indicator

AMPLIFICATION FACTOR	22
MAXIMUM PLATE VOLTAGE	65 V
MAXIMUM CATHODE CURRENT	0.75 mA

Filamentary indicator triode; optical light-output characteristics retained as parameters.

Long-life filamentary high-vacuum end-view indicator triode producing blue-green light proportional to plate current.

SOURCE OPERATING CONDITIONS

1961 Tung Sol

SOURCE PDF

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

1961 TUNG SOL

Section 1 · Tuning Indicator

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Heater voltage	**0.7 V**	Nominal
Heater current	**35 mA**	Nominal
Plate voltage	**50 V**	Published operating table; OperatingPoint1
Plate voltage	**50 V**	Published operating table; OperatingPoint1

SOURCE DATA APPENDIX

SOURCE OPERATING CONDITIONS

1966 Tung Sol Electronic Tubes 4 of 4

SOURCE PDF

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 · Tuning Indicator

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Filament voltage	**0.7 V**	—
Filament current	**35 mA**	—
Maximum plate voltage	**65 V**	—
Maximum negative grid voltage	**-50 V**	—
Maximum plate current	**750 uA**	—
Plate voltage	**50 V**	FilamentDCNegativeGrounded
Grid voltage	**0 V**	FilamentDCNegativeGrounded

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid resistor	**100 kohm**	—
Plate current	**450 uA**	FilamentAC;Grid0V
Light output	**5 millicandle**	FilamentAC;Grid0V
Plate current	**5 uA**	FilamentAC;Grid=-3V;LessThan
Light output	**Not visible**	FilamentAC;Grid=-3V

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate current	**380 uA**	FilamentDCNegativeGrounded
Amplification factor	**22**	—

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-to-plate capacitance	**1.9 pF**	—
Input capacitance	**1.6 pF**	—
Output capacitance	**1.7 pF**	—

Tube Tinker

An independent reference for electronic tubes, vacuum tubes, and their source documents.

Catalog Tube types Full books Blog Feedback & corrections

© 2026 Tube Tinker