ELECTRONIC TUBE REFERENCE

6AD6G

Tuning Indicator electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TUNINGINDICATOR

Double-diode tuning indicator providing visual receiver indication through changes in fluorescent shadow angle.

General characteristics

BASE DESIGNATION	7AG	**BASE PINS**	8
NOMINAL HEATER	6.3 V / 150 mA	**PARALLEL HEATER**	— / —
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

7AG - Terminal pinout

TERMINAL	SECTION	ELEMENT	STATUS
PIN1 — IS	A	IS — Internal Screen	CONNECTED
PIN2 — H	—	H — Heater	CONNECTED
PIN3 — 2G1	B	G1 — Control Grid	CONNECTED
PIN4 — 1G1	A	G1 — Control Grid	CONNECTED
PIN5 — T	A	T — Target	CONNECTED
PIN7 — H	—	H — Heater	CONNECTED
PIN8 — K	A	K — Cathode	CONNECTED

Section ratings

SECTION1 Tuning Indicator

MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM HEATER-CATHODE VOLTAGE	100 V

Published promoted fields populated from the datasheet; identical repeated sections compressed where applicable.

Double-diode tuning indicator with shadow-angle indication.

SOURCE OPERATING CONDITIONS

1938 National Union

SOURCE PDF

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

1938 NATIONAL UNION

Section 1 · Tuning Indicator

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Heater Current	**0.15 amp**	Published source value; see source line context.

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Target Voltage	**100 volts**	Published source value; see source line context.
Control Electrode —	**90 volts**	Published source value; see source line context.

SOURCE DATA APPENDIX

SOURCE OPERATING CONDITIONS

195X General Electric Essential Characteristics

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195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

Section 1 · Tuning Indicator

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Target voltage maximum	**150 V**	TuningIndicator
Target voltage minimum	**100 V**	TuningIndicator
Target voltage	**150 V**	TuningIndicator;Shadow=0deg

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Ray-control voltage range	**4-75 V**	Shadow=0deg
Ray-control voltage range	**4-8 V**	Shadow=90deg

SOURCE OPERATING CONDITIONS

1961 Tung Sol

SOURCE PDF

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1961 TUNG SOL

Section 1 · Tuning Indicator

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Target Voltage	**150 V**	IndicatorService

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Target Current	**3 mA**	TargetVoltage=150V

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