



ELECTRONIC TUBE REFERENCE

6CD7

Tuning Indicator electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TUNING INDICATOR

Electron-ray visual indicator for receiver tuning or electrical level indication, using a fluorescent display whose pattern changes with control voltage.

GENERAL CHARACTERISTICS

BASE DESIGNATION	8EV	BASE PINS	—
NOMINAL HEATER	6.3 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Tuning Indicator

MAXIMUM PLATE VOLTAGE	300 V
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Electron-ray display section.

SECTION2 Triode

No fixed ratings recorded.

Published Rogers/JETEC/RMA ratings and characteristics promoted where applicable; additional data retained as parameters.

Double-sensitivity electron-ray tuning indicator that gives clear indication even with weak signals.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1959 Rogers

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

1959 ROGERS

Section 1 · Tuning Indicator

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Visual tuning indication	—

1959 ROGERS

Section 2 · Triode

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Indicator control amplifier	—



SOURCE OPERATING CONDITIONS

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195X General Electric Essential Characteristics

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

195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

Section 1 · Tuning Indicator

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum target voltage	300 V	TuningIndicator
Plate voltage	250 V	TuningIndicator
Plate resistor per plate	1000000 ohm	TuningIndicator
Target voltage	250 V	TuningIndicator

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid voltage for sector 2 minimum shadow	-16 V	TuningIndicator
Grid voltage for sector 1 minimum shadow	-5 V	TuningIndicator
Grid voltage for 180 degree shadow	0 V	TuningIndicator



SOURCE DATA APPENDIX

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Amperex Condensed

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

1963 AMPEREX CONDENSED

Section 1 · Tuning Indicator

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate and target supply voltage	250 V	TuningIndicator
Target current	2 mA	TuningIndicator
Application	Double-sensitivity tuning indicator	Section1

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid bias end of control range section 1	-5 V	TuningIndicator;Section1
Grid bias end of control range section 2	-16 V	TuningIndicator;Section2

TUBE TINKER

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