

ELECTRONIC TUBE REFERENCE

6T5

Tuning Indicator electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TUNING INDICATOR

Vacuum tuning indicator with integral triode control section, converting receiver control-voltage changes into a visible fluorescent tuning display.

GENERAL CHARACTERISTICS

BASE DESIGNATION	6R	BASE PINS	6
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

6R - TERMINAL PINOUT

TERMINAL	SECTION	ELEMENT	STATUS
PIN1 – H	–	H – Heater	CONNECTED
PIN2 – D	A	OTHER – Other Identified Element	CONNECTED
PIN3 – G1	A	G1 – Control Grid	CONNECTED
PIN4 – T	A	T – Target	CONNECTED
PIN5 – K	A	K – Cathode	CONNECTED
PIN7 – H	–	H – Heater	CONNECTED

SECTION RATINGS

SECTION1 Tuning Indicator	
MAXIMUM PLATE VOLTAGE	250 V
Electron-ray tuning-indicator section; canonical SectionType fallback Other.	

SECTION2 Triode

No fixed ratings recorded.

Internal control/amplifier triode section; added during tuning-indicator physical-section reconciliation.

Vacuum tuning-indicator tube with triode control section.



SOURCE OPERATING CONDITIONS

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1937 Raytheon Radio Receiving Tubes

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

1937 RAYTHEON RADIO RECEIVING TUBES

Section 1 · Tuning Indicator

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate supply voltage maximum	250 V	TuningIndicator
Target voltage maximum	250 V	TuningIndicator
Plate supply voltage	250 V	TuningIndicator
Target voltage	250 V	TuningIndicator
Plate resistor	1 MΩ	TuningIndicator
Target current	3 mA	TuningIndicator
Plate current	0.24 mA	ZeroBias
Grid bias	-22 V	MinimumShadowDiameter
Grid bias	0 V	MaximumShadowDiameter



SOURCE OPERATING CONDITIONS

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1950 Sylvania

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

1950 SYLVANIA

Section 1 · Tuning Indicator

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Triode plate current maximum	0.24 mA	—

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
Plate voltage	250 V	TuningIndicator; Through1Megohm
Target voltage	250 V	TuningIndicator

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid voltage for maximum illumination	-22 V	TuningIndicator
Grid voltage for minimum illumination	0 V	TuningIndicator