

ELECTRONIC TUBE REFERENCE

6N5

Tuning Indicator electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TUNING INDICATOR

Triode-controlled visual tuning indicator combining a control triode with a fluorescent display for translating receiver control voltage into visible tuning indication.

GENERAL CHARACTERISTICS

BASE DESIGNATION	6R	BASE PINS	6
NOMINAL HEATER	6.3 V / 150 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 Triode
No fixed ratings recorded.
Values promoted only where clearly published for this section in the approved source.

SECTION2 Tuning Indicator

MAXIMUM PLATE VOLTAGE

180 V

Values promoted only where clearly published for this section in the approved source.

Triode visual tuning-indicator tube.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

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 2 · Tuning Indicator

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	Published heater rating
Heater current	150 mA	Published heater rating



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 National Union

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

1938 NATIONAL UNION

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HEATER VOLTAGE	6.3 volts	Published source value; see source line context.
Heater Currant	0.15 amp	Published source value; see source line context.
Plats Supply Voltage	135 volts	Published source value; see source line context.
Serieg Triode Flate Reaistor V	25 meg	Published source value; see source line context.
zere degree Shadow	-12 volts	Published source value; see source line context.
niuvety éegree Shadow	0 volts	Published source value; see source line context.
Base &msll	8 in	Published source value; see source line context.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

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 2 · Tuning Indicator

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Target voltage maximum	180 V	TuningIndicator
Target voltage minimum	125 V	TuningIndicator
Plate voltage	135 V	TuningIndicator
Target voltage	135 V	TuningIndicator
Grid voltage	-10 V	Shadow0Degrees
Grid voltage	0 V	Shadow90Degrees
Plate current	0.5 mA	Shadow90Degrees
Target current	2 mA	TuningIndicator

TUBE TINKER

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