

ELECTRONIC TUBE REFERENCE

6AL7GT

Tuning Indicator electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TUNING INDICATOR

Electron-ray indicator designed especially for precise visual tuning of AM/FM radio receivers.

GENERAL CHARACTERISTICS

BASE DESIGNATION	B8-6	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

SECTION RATINGS

SECTION 1 Tuning Indicator
<i>No fixed ratings recorded.</i>
<i>Electron-ray indicator section. Target-voltage and deflection data retained as parameters.</i>

The 6AL7-GT is an electron-ray indicator designed especially for AM-FM receivers, allowing precise tuning without additional tubes or circuit components.



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 1 · Tuning Indicator

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	315 V	ClassA
Control-grid bias	0 V	ClassA
Maximum target voltage	365 V	FM/AM Tuning Indicator
Minimum target voltage	220 V	FM/AM Tuning Indicator
Typical target voltage	315 V	FM/AM Tuning Indicator
Cathode resistor	3300 ohm	FM/AM 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](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltageNominal	6.3 V	—
HeaterOrFilamentCurrentNominal	150 mA	—
Maximum Target Voltage	365 V	IndicatorService
TypicalTargetVoltage	315 V	IndicatorService
Cathode Bias Resistance	3300 Ohm	IndicatorService

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DeflectionSensitivityFirstMillimeter	1 mm/V	IndicatorService
GridVoltageForFluorescenceCutoff	-7 V	IndicatorService

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