



ELECTRONIC TUBE REFERENCE

6AH7GT

Voltage - Dual Triode (similar) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

Twin triode designed for converter and audio applications, combining two triode units in an octal glass envelope for receiver signal-processing and amplification duties.

GENERAL CHARACTERISTICS

BASE DESIGNATION	8BE	BASE PINS	8
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	6600 Ω
TRANSCONDUCTANCE	0.0024 S
AMPLIFICATION FACTOR	16
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	2.5 W
Representative identical section.	

SECTION2 Triode	
PLATE RESISTANCE	6600 Ω
TRANSCONDUCTANCE	0.0024 S
AMPLIFICATION FACTOR	16
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	2.5 W
<i>Second identical physical triode section; added to align rows with SectionCount.</i>	

The Ken-Rad 84H7GT is a cathode type of tube consisting of two triodes within 2 single anvelope. It was designed for use in converter and audio applications. The SLH7GT is a glass tube equipped with an octal base.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1937 Ken Rad

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

1937 KEN RAD

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	300 V	Maximum Plate Voltage 300 Volts/Plzie
Maximum Plate Dissipation	2.5 W	Maximum Plate Dissipation 2.5 Watts/Plate
Grid Voltage	-3 V	Grid Voltage -3 Volts
Amplification Factor	16 ratio	Amplification Factor 16
Plate Resistance	6600 ohm	Plate Resistance 6600 Ohms
Plate voltage	250 V	EachTriodeSection
Grid voltage	-3 V	EachTriodeSection
Plate current	12 mA	EachTriodeSection



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 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	180 V	ClassA;PerSection
Grid voltage	-6.5 V	ClassA;PerSection
Plate current	7.6 mA	ClassA;PerSection